

GSFC-311-QPLD-007
30 APR 2003

SUPERSEDING
GSFC-311-QPLD-006
3 DEC 1999

QUALIFIED PARTS LIST DIRECTORY

PARTS, PACKAGING, AND ASSEMBLY TECHNOLOGIES OFFICE
CODE 562
NASA/GODDARD SPACE FLIGHT CENTER
GREENBELT, MARYLAND 20771-0001

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1.0 STATEMENT OF PURPOSE

This list has been prepared for use by the National Aeronautical and Space Administration (NASA) in the acquisition of products covered by the Goddard Space Flight Center (GSFC) specifications cited herein. Listing of a product is not intended to and does not connote endorsement of the product by NASA. All products listed herein have been qualified under the requirements for the product as specified in the latest effective issue of the applicable specification. This list is subject to change without notice; revision or amendment of this list will be made as necessary. The listing of a product does not release the supplier from compliance with the specification's requirements.

2.0 PREPARING ACTIVITY

The Qualified Parts List Directory (QPLD) is prepared by:

Parts, Packaging, and Assembly Technologies Office
Code 562
NASA/Goddard Space Flight Center
Greenbelt, MD 20771-0001

Telephone: 301-286-6631
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3.0 WAIVERS

When the NASA/GSFC specification requires qualification and there are no products listed or approved for listing on the QPLD, or when suppliers of those products are non-responsive to an IFB, the qualification requirements of the specification may be waived only by NASA/GSFC. When qualification is waived, the procuring agency shall invoke first article inspection, which shall consist of performing all qualification tests. The sample size and allowable defects shall be in accordance with the NASA/GSFC specification. A copy of the test data shall be forwarded to the QPLD Preparing Activity.

4.0 PARTS LISTING

Parts are listed in separate tables by their NASA/GSFC Designation, Manufacturer's Designation, NASA/GSFC Specification, Test Plan Reference Number, and Manufacturer's Name. Details concerning Manufacturers (Addresses, Telephone Numbers, and Commercial and Government Entity (CAGE) Codes) are listed in Section 5.0 of the QPLD.

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4.1 RESISTOR, THERMISTOR, THERMOSTAT AND THERMOFOIL HEATERS - FSC 5905

NASA/GSFC DESIGNATION	NASA/GSFC SPECIFICATION	MANUFACTURER'S DESIGNATION	TEST PLAN REF #	MANUFACTURER
THERMISTORS				
311P18-01-E***	S-311-P-18	YS144901E***	MIL-P-23468	Yellow Springs Instrument
311P18-01-N***	S-311-P-18	YS144901N***	MIL-P-23468	Yellow Springs Instrument
311P18-01-S***	S-311-P-18	YS144901S***	MIL-P-23468	Yellow Springs Instrument
311P18-01-T***	S-311-P-18	YS144901T***	MIL-P-23468	Yellow Springs Instrument
311P18-02-E***	S-311-P-18	YS144902E***	MIL-P-23468	Yellow Springs Instrument
311P18-02-N***	S-311-P-18	YS144902N***	MIL-P-23468	Yellow Springs Instrument
311P18-02-S***	S-311-P-18	YS144902S***	MIL-P-23468	Yellow Springs Instrument
311P18-02-T***	S-311-P-18	YS144902T***	MIL-P-23468	Yellow Springs Instrument
311P18-03-E***	S-311-P-18	YS144903E***	MIL-P-23468	Yellow Springs Instrument
311P18-03-N***	S-311-P-18	YS144903N***	MIL-P-23468	Yellow Springs Instrument
311P18-03-S***	S-311-P-18	YS144903S***	MIL-P-23468	Yellow Springs Instrument
311P18-03-T***	S-311-P-18	YS144903T***	MIL-P-23468	Yellow Springs Instrument
311P18-04-E***	S-311-P-18	YS144904E***	MIL-P-23468	Yellow Springs Instrument
311P18-04-N***	S-311-P-18	YS144904N***	MIL-P-23468	Yellow Springs Instrument
311P18-04-S***	S-311-P-18	YS144904S***	MIL-P-23468	Yellow Springs Instrument
311P18-04-T***	S-311-P-18	YS144904T***	MIL-P-23468	Yellow Springs Instrument
311P18-05-E***	S-311-P-18	YS144905E***	MIL-P-23468	Yellow Springs Instrument
311P18-05-N***	S-311-P-18	YS144905N***	MIL-P-23468	Yellow Springs Instrument
311P18-05-S***	S-311-P-18	YS144905S***	MIL-P-23468	Yellow Springs Instrument
311P18-05-T***	S-311-P-18	YS144905T***	MIL-P-23468	Yellow Springs Instrument
311P18-06-E***	S-311-P-18	YS144906E***	MIL-P-23468	Yellow Springs Instrument
311P18-06-N***	S-311-P-18	YS144906N***	MIL-P-23468	Yellow Springs Instrument
311P18-06-S***	S-311-P-18	YS144906S***	MIL-P-23468	Yellow Springs Instrument
311P18-06-T***	S-311-P-18	YS144906T***	MIL-P-23468	Yellow Springs Instrument
311P18-07-E***	S-311-P-18	YS144907E***	MIL-P-23468	Yellow Springs Instrument
311P18-07-N***	S-311-P-18	YS144907N***	MIL-P-23468	Yellow Springs Instrument
311P18-07-R6	S-311-P-18	YS1449XX	S-311-P-18	Yellow Springs Instrument
311P18-07-S***	S-311-P-18	YS144907S***	MIL-P-23468	Yellow Springs Instrument
311P18-07-T***	S-311-P-18	YS144907T***	MIL-P-23468	Yellow Springs Instrument
311P18-08-E***	S-311-P-18	YS144908E***	MIL-P-23468	Yellow Springs Instrument
311P18-08-N***	S-311-P-18	YS144908N***	MIL-P-23468	Yellow Springs Instrument
311P18-08-S***	S-311-P-18	YS144908S***	MIL-P-23468	Yellow Springs Instrument
311P18-08-T***	S-311-P-18	YS144908T***	MIL-P-23468	Yellow Springs Instrument
311P18-09-E***	S-311-P-18	YS144909E***	MIL-P-23468	Yellow Springs Instrument
311P18-09-N***	S-311-P-18	YS144909N***	MIL-P-23468	Yellow Springs Instrument
311P18-09-S***	S-311-P-18	YS144909S***	MIL-P-23468	Yellow Springs Instrument
311P18-09-T***	S-311-P-18	YS144909T***	MIL-P-23468	Yellow Springs Instrument
311P18-10-E***	S-311-P-18	YS144910E***	MIL-P-23468	Yellow Springs Instrument
311P18-10-N***	S-311-P-18	YS144910N***	MIL-P-23468	Yellow Springs Instrument
311P18-10-S***	S-311-P-18	YS144910S***	MIL-P-23468	Yellow Springs Instrument
311P18-10-T***	S-311-P-18	YS144910T***	MIL-P-23468	Yellow Springs Instrument
THERMOSTATS				
G311P641-X-XXXX	S-311-641	3200-2-402	QCR-0917	Elmwood Sensors

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NASA/GSFC DESIGNATION	NASA/GSFC SPECIFICATION	MANUFACTURER'S DESIGNATION	TEST PLAN REF #	MANUFACTURER
RESISTORS				
G311P672-1-XXXXX	S-311-P-672	MOX 400XXXXX	QRN 92003	VICTOREEN
G311P672-2-XXXXX	S-311-P-672	MOX 750XXXXX	QRN 92003	VICTOREEN
G311P673-3-XXXXX	S-311-P-672	MOX 1125XXXXX	QRN 92003	VICTOREEN
G311P683-650XXXXX	S-311-P-683	650XXXXX	QRN 92004	CADDOCK ELECTRONICS
G311P683-655XXXXX	S-311-P-683	655XXXXX	QRN 92004	CADDOCK ELECTRONICS
G311P683-660XXXXX	S-311-P-683	660XXXXX	QRN 92004	CADDOCK ELECTRONICS
G311P683-680XXXXX	S-311-P-683	680XXXXX	QRN 92004	CADDOCK ELECTRONICS
G311P683-710XXXXX	S-311-P-683	710XXXXX	QRN 92004	CADDOCK ELECTRONICS
G311P683-714XXXXX	S-311-P-683	714XXXXX	QRN 92004	CADDOCK ELECTRONICS
G311P683-715XXXXX	S-311-P-683	715XXXXX	QRN 92004	CADDOCK ELECTRONICS
G311P683-716XXXXX	S-311-P-683	716XXXXX	QRN 92004	CADDOCK ELECTRONICS
G311P683-720XXXXX	S-311-P-683	720XXXXX	QRN 92004	CADDOCK ELECTRONICS
G311P683-721XXXXX	S-311-P-683	721XXXXX	QRN 92004	CADDOCK ELECTRONICS
G311P683-725XXXXX	S-311-P-683	725XXXXX	QRN 92004	CADDOCK ELECTRONICS
G311P683-730XXXXX	S-311-P-683	730XXXXX	QRN 92004	CADDOCK ELECTRONICS
G311P683-750XXXXX	S-311-P-683	750XXXXX	QRN 92004	CADDOCK ELECTRONICS
G311P683-780XXXXX	S-311-P-683	780XXXXX	QRN 92004	CADDOCK ELECTRONICS
G311P683-7803005F	S-311-P-683	MG780-30M-1%	S-311-P-683	CADDOCK ELECTRONICS
G311P683-780600F	S-311-P-683	MG780-600-1%	S-311-P-683	CADDOCK ELECTRONICS
G311P683-7807506F	S-311-P-683	MG780-750M-1%	S-311-P-683	CADDOCK ELECTRONICS
G311P741-9311004F	S-311-P-741	TS931-1M-1%	S-311-P-741	CADDOCK ELECTRONICS
G311P741-9311605F	S-311-P-741	TS931-16M-1%	S-311-P-741	CADDOCK ELECTRONICS
G311P741-9315005F	S-311-P-741	TS931-50M-1%	S-311-P-741	CADDOCK ELECTRONICS
G311P741-950XXXXF	S-311-P-741	950XXXXF	QRN 92002	CADDOCK ELECTRONICS
G311P741-950XXXXG	S-311-P-741	950XXXXG	QRN 92002	CADDOCK ELECTRONICS
G311P742-1211001F	S-311-P-742	TK121-1.0K-1%	S-311-P-742	CADDOCK ELECTRONICS
G311P742-1212003F	S-311-P-742	TK121-200.0K-1%	S-311-P-742	CADDOCK ELECTRONICS
G311P742-1331001F	S-311-P-742	TL133-1.0K-1%	S-311-P-742	CADDOCK ELECTRONICS
G311P742-1333003F	S-311-P-742	TL133-300.0K-1%	S-311-P-742	CADDOCK ELECTRONICS
G311P742-1331506F	S-311-P-742	TL133-1.5M-1%	S-311-P-742	CADDOCK ELECTRONICS
G311P742-133-XXXXX	S-311-P-742	TK133 40.00K/ 200K 0.25%	SRN 95-0701	CADDOCK ELECTRONICS
G311P742-133-XXXXX	S-311-P-742	TK133 51.7K/ 124K 0.25%	SRN 95-0701	CADDOCK ELECTRONICS
G311P742-133-XXXXX	S-311-P-742	TK133 54.2K/ 271K 0.25%	SRN 95-0701	CADDOCK ELECTRONICS
G311P742-133-XXXXX	S-311-P-742	TK133 100K/ 100K 0.25%	SRN 95-0701	CADDOCK ELECTRONICS
G311P742-133-XXXXX	S-311-P-742	TK133 3.01K/ 6.98K 0.25%	SRN 95-0701	CADDOCK ELECTRONICS
G311P742-133-XXXXX	S-311-P-742	TK133 37.4K/ 23.2K 0.25%	SRN 95-0701	CADDOCK ELECTRONICS
G311P742-133-XXXXX	S-311-P-742	TK133 1.0 K/ 1.0K 0.25%	SRN 95-0701	CADDOCK ELECTRONICS
G311P742-133-XXXXX	S-311-P-742	TK133 100 K/ 499K 0.25%	SRN 95-0701	CADDOCK ELECTRONICS
G311P742-133-B-0304F	S-311-P-742	TK133 300K 1%	QRN 92001	CADDOCK ELECTRONICS
G311P742-133-B-0304G	S-311-P-742	TK133 300K 1%	QRN 92001	CADDOCK ELECTRONICS
G311P742-133-C-0304F	S-311-P-742	TK133 300K 1%	QRN 92001	CADDOCK ELECTRONICS
S-311P742-133XXXXX	S-311-P-742	133XXXXX	QRN 94009	CADDOCK ELECTRONICS
G311P742-139/639	S-311-P-742	TK139/TK639	QRN 94006	CADDOCK ELECTRONICS
G311P742-633C3244FX	S-311-P-742	TK633 3.24M 1%	SRN 0608	CADDOCK ELECTRONICS
G311P742-633C6494FX	S-311-P-742	TK633 6.49M 1%	SRN 0608	CADDOCK ELECTRONICS
G311P742-633C1005FX	S-311-P-742	TK633 10.00M 1%	SRN95 0805	CADDOCK ELECTRONICS

NASA/GSFC DESIGNATION	NASA/GSFC SPECIFICATION	MANUFACTURER'S DESIGNATION	TEST PLAN REF #	MANUFACTURER
RESISTORS				
G311P742-633C4994FX	S-311-P-742	TK633 4.99M 1%	SRN 0608	CADDOCK ELECTRONICS
G311P794-121AxxxxxA	S-311-P-794	TK121	C5-0628GG	CADDOCK ELECTRONICS
G311P794-121AxxxxxB	S-311-P-794	TK121	C5-0628GG	CADDOCK ELECTRONICS
G311P794-121AxxxxxC	S-311-P-794	TK121	C5-0628GG	CADDOCK ELECTRONICS
G311P794-121AxxxxxD	S-311-P-794	TK121	C5-0628GG	CADDOCK ELECTRONICS
G311P794-121AxxxxxF	S-311-P-794	TK121	C5-0628GG	CADDOCK ELECTRONICS
G311P794-121AxxxxxG	S-311-P-794	TK121	C5-0628GG	CADDOCK ELECTRONICS
G311P794-133AxxxxxA	S-311-P-794	TK133	C5-0628GG	CADDOCK ELECTRONICS
G311P794-133AxxxxxB	S-311-P-794	TK133	C5-0628GG	CADDOCK ELECTRONICS
G311P794-133AxxxxxC	S-311-P-794	TK133	C5-0628GG	CADDOCK ELECTRONICS
G311P794-133AxxxxxD	S-311-P-794	TK133	C5-0628GG	CADDOCK ELECTRONICS
G311P794-133AxxxxxF	S-311-P-794	TK133	C5-0628GG	CADDOCK ELECTRONICS
G311P794-133AxxxxxA	S-311-P-794	TK133	C5-0628GG	CADDOCK ELECTRONICS
G311P794-139AxxxxxB	S-311-P-794	TK139	C5-0628GG	CADDOCK ELECTRONICS
G311P794-139AxxxxxC	S-311-P-794	TK139	C5-0628GG	CADDOCK ELECTRONICS
G311P794-139AxxxxxD	S-311-P-794	TK139	C5-0628GG	CADDOCK ELECTRONICS
G311P794-139AxxxxxF	S-311-P-794	TK139	C5-0628GG	CADDOCK ELECTRONICS
G311P794-139AxxxxxG	S-311-P-794	TK139	C5-0628GG	CADDOCK ELECTRONICS
G311P796-621-01	S-311-P-796	TK621	C5-0628GG	CADDOCK ELECTRONICS
G311P796-633-01	S-311-P-796	TK633	C5-0628GG	CADDOCK ELECTRONICS
G311P796-639-01	S-311-P-796	TK639	C5-0628GG	CADDOCK ELECTRONICS
G311P813xxxxxxxxxx	S-311-P-813	---	GSFC61132 GSFC80819	WILBRECHT ELECTRONICS
G311P813xxxxxxxxxx	S-311-P-813	S554 ±5, 10 or 20 ppm/°C Ribbon Lead Construction Only		VISHAY RESISTIVE SYSTEMS
THERMOFOIL HEATERS				
S-311-79/00-07	S-311-79/07	HK12645	QRN 92005	MINCO PRODUCTS
S-311-79/01-01	S-311-79/01	HK4886	QRN 92005	MINCO PRODUCTS
S-311-79/01-02	S-311-79/01	HK4887	QRN 92005	MINCO PRODUCTS
S-311-79/02-01	S-311-79/02	HK7625	QRN 92005	MINCO PRODUCTS
S-311-79/02-02	S-311-79/02	HK7626	QRN 92005	MINCO PRODUCTS
S-311-79/02-03	S-311-79/02	HK7627	QRN 92005	MINCO PRODUCTS
S-311-79/02-04	S-311-79/02	HK7628	QRN 92005	MINCO PRODUCTS
S-311-79/02-05	S-311-79/02	HK7629	QRN 92005	MINCO PRODUCTS
S-311-79/02-06	S-311-79/02	HK7630	QRN 92005	MINCO PRODUCTS
S-311-79/02-07	S-311-79/02	HK7631	QRN 92005	MINCO PRODUCTS
S-311-79/02-08	S-311-79/02	HK7632	QRN 92005	MINCO PRODUCTS
S-311-79/02-09	S-311-79/02	HK7633	QRN 92005	MINCO PRODUCTS
S-311-79/02-10	S-311-79/02	HK7634	QRN 92005	MINCO PRODUCTS
S-311-79/02-11	S-311-79/02	HK7635	QRN 92005	MINCO PRODUCTS
S-311-79/02-12	S-311-79/02	HK7636	QRN 92005	MINCO PRODUCTS
S-311-79/02-13	S-311-79/02	HK7637	QRN 92005	MINCO PRODUCTS
S-311-79/03-01	S-311-79/03	HK9042	QRN 92005	MINCO PRODUCTS
S-311-79/03-02	S-311-79/03	HK9043	QRN 92005	MINCO PRODUCTS

NASA/GSFC DESIGNATION	NASA/GSFC SPECIFICATION	MANUFACTURER'S DESIGNATION	TEST PLAN REF #	MANUFACTURER
S-311-79/03-03	S-311-79/03	HK9044	QRN 92005	MINCO PRODUCTS
S-311-79/03-04	S-311-79/03	HK9045	QRN 92005	MINCO PRODUCTS
THERMOFOIL HEATERS				
S-311-79/03-05	S-311-79/03	HK9046	QRN 92005	MINCO PRODUCTS
S-311-79/03-06	S-311-79/03	HK9047	QRN 92005	MINCO PRODUCTS
S-311-79/03-07	S-311-79/03	HK9048	QRN 92005	MINCO PRODUCTS
S-311-79/03-08	S-311-79/03	HK9049	QRN 92005	MINCO PRODUCTS
S-311-79/04-01	S-311-79/04	HK9243	QRN 92005	MINCO PRODUCTS
S-311-79/04-02	S-311-79/04	HK9244	QRN 92005	MINCO PRODUCTS
S-311-79/04-03	S-311-79/04	HK9245	QRN 92005	MINCO PRODUCTS
S-311-79/04-04	S-311-79/04	HK9246	QRN 92005	MINCO PRODUCTS
S-311-79/05-01	S-311-79/05	HK10859	QRN 92005	MINCO PRODUCTS
S-311-79/05-02	S-311-79/05	HK10860	QRN 92005	MINCO PRODUCTS
S-311-79/05-03	S-311-79/05	HK10861	QRN 92005	MINCO PRODUCTS
S-311-79/05-04	S-311-79/05	HK10862	QRN 92005	MINCO PRODUCTS
S-311-79/05-05	S-311-79/05	HK10863	QRN 92005	MINCO PRODUCTS
S-311-79/05-06	S-311-79/05	HK10864	QRN 92005	MINCO PRODUCTS
S-311-79/05-07	S-311-79/05	HK10865	QRN 92005	MINCO PRODUCTS
S-311-79/05-08	S-311-79/05	HK10866	QRN 92005	MINCO PRODUCTS
S-311-79/05-09	S-311-79/05	HK10867	QRN 92005	MINCO PRODUCTS
S-311-79/05-10	S-311-79/05	HK11135	QRN 92005	MINCO PRODUCTS
S-311-79/05-11	S-311-79/05	HK11136	QRN 92005	MINCO PRODUCTS
S-311-79/05-12	S-311-79/05	HK11137	QRN 92005	MINCO PRODUCTS
S-311-79/05-13	S-311-79/05	HK11138	QRN 92005	MINCO PRODUCTS
S-311-79/05-14	S-311-79/05	HK11139	QRN 92005	MINCO PRODUCTS
S-311-79/06-01	S-311-79/06	HK10775	QRN 92005	MINCO PRODUCTS
S-311-79/06-02	S-311-79/06	HK10776	QRN 92005	MINCO PRODUCTS
S-311-79/06-03	S-311-79/06	HK10777	QRN 92005	MINCO PRODUCTS
S-311-79/06-04	S-311-79/06	HK10778	QRN 92005	MINCO PRODUCTS
S-311-79/06-05	S-311-79/06	HK10779	QRN 92005	MINCO PRODUCTS
S-311-79/06-06	S-311-79/06	HK10780	QRN 92005	MINCO PRODUCTS
S-311-79/06-07	S-311-79/06	HK10781	QRN 92005	MINCO PRODUCTS
S-311-79/06-08	S-311-79/06	HK10782	QRN 92005	MINCO PRODUCTS
S-311-79/06-09	S-311-79/06	HK10783	QRN 92005	MINCO PRODUCTS
S-311-79/06-10	S-311-79/06	HK10784	QRN 92005	MINCO PRODUCTS
S-311-79/06-11	S-311-79/06	HK10785	QRN 92005	MINCO PRODUCTS
S-311-79/01-0X	S-311-P-79/01	TBD	QRN98001	ELMWOOD SENSORS
S-311-79/02-0X	S-311-P-79/02	TBD	QRN98001	ELMWOOD SENSORS
S-311-79/03-0X	S-311-P-79/03	TBD	QRN98001	ELMWOOD SENSORS
S-311-79/04-0X	S-311-P-79/04	TBD	QRN98001	ELMWOOD SENSORS
S-311-79/05-0X	S-311-P-79/05	TBD	QRN98001	ELMWOOD SENSORS
S-311-79/06-0X	S-311-P-79/06	TBD	QRN98001	ELMWOOD SENSORS

4.2 CAPACITOR - FSC 5910

NASA/GSFC DESIGNATION	NASA/GSFC SPECIFICATION	MANUFACTURER'S DESIGNATION	TEST PLAN REF. #	CAPACITOR MANUFACTURER
CAPACITORS				
P15/1NP03R9C6	S-311-P-15/1	D59C0G399C6	QRN 92009	MAIDA DEVELOPMENT
P15/1NP05R6C6	S-311-P-15/1	D59C0G569C6	QRN 92009	MAIDA DEVELOPMENT
P15/1NP08R2C6	S-311-P-15/1	D59C0G829C6	QRN 92009	MAIDA DEVELOPMENT
P15/1X5F101M10	S-311-P-15/1	D61X5F101M10	QRN 92009	MAIDA DEVELOPMENT
P15/1X5F121M8	S-311-P-15/1	D68X5F121M8	QRN 92009	MAIDA DEVELOPMENT
P15/1X5F221M10	S-311-P-15/1	D62X5F221M10	QRN 92009	MAIDA DEVELOPMENT
P15/1X5F271M10	S-311-P-15/1	D69X5F271M10	QRN 92009	MAIDA DEVELOPMENT
P15/1X5P101M5	S-311-P-15/1	D60X5P101M5	QRN 92009	MAIDA DEVELOPMENT
P15/1X5R431M15	S-311-P-15/1	D62X5R431M15	QRN 92009	MAIDA DEVELOPMENT
P15/1X5R471M5	S-311-P-15/1	D68X5R471M5	QRN 92009	MAIDA DEVELOPMENT
P15/1X5R681M10	S-311-P-15/1	D62X5R681M8	QRN 92009	MAIDA DEVELOPMENT
P15/1X7R222K2	S-311-P-15/1	D62X7R222K2KV	QRN 92009	MAIDA DEVELOPMENT
P15/1X7R222M6	S-311-P-15/1	D65X7R222M6	QRN 92009	MAIDA DEVELOPMENT
P15/1X7R471M2	S-311-P-15/1	D60X7R471M2	QRN 92009	MAIDA DEVELOPMENT
P15/1X7R612M2	S-311-P-15/1	D72X7R620M2	QRN 92009	MAIDA DEVELOPMENT

4.3 CONNECTOR - FSC 5935

NASA/GSFC DESIGNATION	NASA/GSFC SPECIFICATION	MANUFACTURER'S DESIGNATION	TEST PLAN REF. #	CONNECTOR MANUFACTURER
CONNECTORS				
311P10-8P-C-12	S-311-P-10	SCBM7W2M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-10P-B-12	S-311-P-10	DBM-5W5P-NMB-77	QRN 94008	ITT CANNON
311P10-10P-B-15	S-311-P-10	DBM-5W5P-NMB-76	QRN 94008	ITT CANNON
311P10-10P-C-12	S-311-P-10	DBM-5W5P-NMC-77	QRN 94008	ITT CANNON
311P10-10P-C-15	S-311-P-10	DBM-5W5P-NMC-76	QRN 94008	ITT CANNON
311P10-10S-B-12	S-311-P-10	DBM-5W5S-NMB-77	QRN 94008	ITT CANNON
311P10-10S-B-15	S-311-P-10	DBM-5W5S-NMB-76	QRN 94008	ITT CANNON
311P10-10S-C-12	S-311-P-10	DBM-5W5S-NMC-77	QRN 94008	ITT CANNON
311P10-10S-C-15	S-311-P-10	DBM-5W5S-NMC-76	QRN 94008	ITT CANNON
311P10-11P-B-12	S-311-P-10	DBM-9W4P-NMB-77	QRN 94008	ITT CANNON
311P10-11P-B-15	S-311-P-10	DBM-9W4P-NMB-76	QRN 94008	ITT CANNON
311P10-11P-C-12	S-311-P-10	DBM-9W4P-NMC-77	QRN 94008	ITT CANNON
311P10-11P-C-15	S-311-P-10	DBM-9W4P-NMC-76	QRN 94008	ITT CANNON
311P10-11S-B-12	S-311-P-10	DBM-9W4S-NMB-77	QRN 94008	ITT CANNON
311P10-11S-B-15	S-311-P-10	DBM-9W4S-NMB-76	QRN 94008	ITT CANNON
311P10-11S-C-12	S-311-P-10	DBM-9W4S-NMC-77	QRN 94008	ITT CANNON
311P10-11S-C-15	S-311-P-10	DBM-9W4S-NMC-76	QRN 94008	ITT CANNON
311P10-12P-B-12	S-311-P-10	DBM-13W3P-NMB-77	QRN 94008	ITT CANNON
311P10-12P-B-15	S-311-P-10	DBM-13W3P-NMB-76	QRN 94008	ITT CANNON
311P10-12P-C-12	S-311-P-10	DBM-13W3P-NMC-77	QRN 94008	ITT CANNON
311P10-12P-C-15	S-311-P-10	DBM-13W3P-NMC-76	QRN 94008	ITT CANNON
311P10-12S-B-12	S-311-P-10	DBM-13W3S-NMB-77	QRN 94008	ITT CANNON
311P10-12S-B-15	S-311-P-10	DBM-13W3S-NMB-76	QRN 94008	ITT CANNON
311P10-12S-C-12	S-311-P-10	DBM-13W3S-NMC-77	QRN 94008	ITT CANNON
311P10-12S-C-15	S-311-P-10	DBM-13W3S-NMC-76	QRN 94008	ITT CANNON
311P10-13P-B-12	S-311-P-10	DBM-17W2P-NMB-77	QRN 94008	ITT CANNON
311P10-13P-B-15	S-311-P-10	DBM-17W2P-NMB-76	QRN 94008	ITT CANNON
311P10-13P-C-12	S-311-P-10	DBM-17W3P-NMC-77	QRN 94008	ITT CANNON
311P10-13P-C-15	S-311-P-10	DBM-17W2P-NMC-76	QRN 94008	ITT CANNON
311P10-13S-B-12	S-311-P-10	DBM-17W2S-NMB-77	QRN 94008	ITT CANNON
311P10-13S-B-15	S-311-P-10	DBM-17W2S-NMB-76	QRN 94008	ITT CANNON
311P10-13S-C-12	S-311-P-10	DBM-13W3S-NMC-77	QRN 94008	ITT CANNON
311P10-13S-C-15	S-311-P-10	DBM-17W2S-NMC-76	QRN 94008	ITT CANNON
311P10-14P-B-12	S-311-P-10	DBM-21W1P-NMB-77	QRN 94008	ITT CANNON
311P10-14P-B-15	S-311-P-10	DBM-21W1P-NMB-76	QRN 94008	ITT CANNON
311P10-14P-C-12	S-311-P-10	DBM-21W1P-NMC-77	QRN 94008	ITT CANNON
311P10-14P-C-15	S-311-P-10	DBM-21W1P-NMC-76	QRN 94008	ITT CANNON
311P10-14S-B-12	S-311-P-10	DBM-21W1S-NMB-77	QRN 94008	ITT CANNON
311P10-14S-B-15	S-311-P-10	DBM-21W1S-NMB-76	QRN 94008	ITT CANNON
311P10-14S-C-12	S-311-P-10	DBM-21W1S-NMC-77	QRN 94008	ITT CANNON
311P10-14S-C-15	S-311-P-10	DBM-21W1S-NMC-76	QRN 94008	ITT CANNON
311P10-15P-B-12	S-311-P-10	DCM-8W8P-NMB-77	QRN 94008	ITT CANNON
311P10-15P-B-15	S-311-P-10	DCM-8W8P-NMB-76	QRN 94008	ITT CANNON
311P10-15P-C-12	S-311-P-10	DCM-8W8P-NMC-77	QRN 94008	ITT CANNON
311P10-15P-C-15	S-311-P-10	DCM-8W8P-NMC-76	QRN 94008	ITT CANNON

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NASA/GSFC DESIGNATION	NASA/GSFC SPECIFICATION	MANUFACTURER'S DESIGNATION	TEST PLAN REF. #	CONNECTOR MANUFACTURER
CONNECTORS				
311P10-15S-B-12	S-311-P-10	DCM-8W8S-NMB-77	QRN 94008	ITT CANNON
311P10-15S-B-15	S-311-P-10	DCM-8W8S-NMB-76	QRN 94008	ITT CANNON
311P10-15S-C-12	S-311-P-10	DCM-8W8S-NMC-77	QRN 94008	ITT CANNON
311P10-15S-C-15	S-311-P-10	DCM-8W8S-NMC-76	QRN 94008	ITT CANNON
311P10-16P-B-12	S-311-P-10	DCM-13W6P-NMB-77	QRN 94008	ITT CANNON
311P10-16P-B-15	S-311-P-10	DCM-13W6P-NMB-76	QRN 94008	ITT CANNON
311P10-16P-C-12	S-311-P-10	DCM-13W6P-NMC-77	QRN 94008	ITT CANNON
311P10-16P-C-15	S-311-P-10	DCM-13W6P-NMC-76	QRN 94008	ITT CANNON
311P10-16S-B-12	S-311-P-10	DCM-13W6S-NMB-77	QRN 94008	ITT CANNON
311P10-16S-B-15	S-311-P-10	DCM-13W6S-NMB-76	QRN 94008	ITT CANNON
311P10-16S-C-12	S-311-P-10	DCM-13W6S-NMC-77	QRN 94008	ITT CANNON
311P10-16S-C-15	S-311-P-10	DCM-13W6S-NMC-76	QRN 94008	ITT CANNON
311P10-17P-B-12	S-311-P-10	DCM-17W5P-NMB-77	QRN 94008	ITT CANNON
311P10-17P-B-15	S-311-P-10	DCM-17W5P-NMB-76	QRN 94008	ITT CANNON
311P10-17P-C-12	S-311-P-10	DCM-17W5P-NMC-77	QRN 94008	ITT CANNON
311P10-17P-C-15	S-311-P-10	DCM-17W5P-NMC-76	QRN 94008	ITT CANNON
311P10-17S-B-12	S-311-P-10	DCM-17W5S-NMB-77	QRN 94008	ITT CANNON
311P10-17S-B-15	S-311-P-10	DCM-17W5S-NMB-76	QRN 94008	ITT CANNON
311P10-17S-C-12	S-311-P-10	DCM-17W5S-NMC-77	QRN 94008	ITT CANNON
311P10-17S-C-15	S-311-P-10	DCM-17W5S-NMC-76	QRN 94008	ITT CANNON
311P10-18P-B-12	S-311-P-10	DCM-21WA4P-NMB-77	QRN 94008	ITT CANNON
311P10-18P-B-15	S-311-P-10	DCM-21WA4P-NMB-76	QRN 94008	ITT CANNON
311P10-18P-C-12	S-311-P-10	DCM-21WA4P-NMC-77	QRN 94008	ITT CANNON
311P10-18P-C-15	S-311-P-10	DCM-21WA4P-NMC-76	QRN 94008	ITT CANNON
311P10-18S-B-12	S-311-P-10	DCM-21WA4S-NMB-77	QRN 94008	ITT CANNON
311P10-18S-B-15	S-311-P-10	DCM-21WA4S-NMB-76	QRN 94008	ITT CANNON
311P10-18S-C-12	S-311-P-10	DCM-21WA4S-NMC-77	QRN 94008	ITT CANNON
311P10-18S-C-15	S-311-P-10	DCM-21WA4S-NMC-76	QRN 94008	ITT CANNON
311P10-1P-B-12	S-311-P-10	SND9M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-1P-B-12	S-311-P-10	DEM-9P-NMB-77	QRN 94008	ITT CANNON
311P10-1P-B-15	S-311-P-10	SND9M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-1P-B-15	S-311-P-10	DEM-9P-NMB-76	QRN 94008	ITT CANNON
311P10-1P-C-12	S-311-P-10	DEM-9P-NMC-77	QRN 94008	ITT CANNON
311P10-1P-C-15	S-311-P-10	DEM-9P-NMC-76	QRN 94008	ITT CANNON
311P10-1S-B-12	S-311-P-10	SND9F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311p10-1S-B-12	S-311-P-10	DEM-9S-NMB-77	QRN 94008	ITT CANNON
311P10-1S-B-15	S-311-P-10	SND9F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-1S-B-15	S-311-P-10	DEM-9S-NMB-76	QRN 94008	ITT CANNON
311P10-1S-C-12	S-311-P-10	DEM-9S-NMC-77	QRN 94008	ITT CANNON
311P10-1S-C-15	S-311-P-10	DEM-9S-NMC-76	QRN 94008	ITT CANNON
311P10-20P-B-12	S-311-P-10	DCM-25W3P-NMB-77	QRN 94008	ITT CANNON
311P10-20P-B-15	S-311-P-10	DCM-25W3P-NMB-76	QRN 94008	ITT CANNON
311P10-20P-C-12	S-311-P-10	DCM-25W3P-NMC-77	QRN 94008	ITT CANNON
311P10-20P-C-15	S-311-P-10	DCM-25W3P-NMC-76	QRN 94008	ITT CANNON
311P10-20S-B-12	S-311-P-10	DCM-25W3S-NMB-77	QRN 94008	ITT CANNON
311P10-20S-B-15	S-311-P-10	DCM-25W3S-NMB-76	QRN 94008	ITT CANNON
311P10-20S-C-12	S-311-P-10	DCM-25W3S-NMC-77	QRN 94008	ITT CANNON

NASA/GSFC DESIGNATION	NASA/GSFC SPECIFICATION	MANUFACTURER'S DESIGNATION	TEST PLAN REF. #	CONNECTOR MANUFACTURER
311P10-20S-C-15	S-311-P-10	DCM-25W3S-NMC-76	QRN 94008	ITT CANNON
311P10-21P-B-12	S-311-P-10	DCM-27W2P-NMB-77	QRN 94008	ITT CANNON
CONNECTORS				
311P10-21P-B-15	S-311-P-10	DCM-27W2P-NMB-76	QRN 94008	ITT CANNON
311P10-21P-C-12	S-311-P-10	DCM-27W2P-NMC-77	QRN 94008	ITT CANNON
311P10-21P-C-15	S-311-P-10	DCM-27W2P-NMC-76	QRN 94008	ITT CANNON
311P10-21S-B-12	S-311-P-10	DCM-27W2S-NMB-77	QRN 94008	ITT CANNON
311P10-21S-B-15	S-311-P-10	DCM-27W2S-NMB-76	QRN 94008	ITT CANNON
311P10-21S-C-12	S-311-P-10	DCM-25W3S-NMC-77	QRN 94008	ITT CANNON
311P10-21S-C-15	S-311-P-10	DCM-27W2S-NMC-76	QRN 94008	ITT CANNON
311P10-22P-B-12	S-311-P-10	DDM-24W7P-NMB-77	QRN 94008	ITT CANNON
311P10-22P-B-15	S-311-P-10	DDM-24W7P-NMB-76	QRN 94008	ITT CANNON
311P10-22P-C-12	S-311-P-10	DDM-24W6S-NMC-77	QRN 94008	ITT CANNON
311P10-22P-C-15	S-311-P-10	DDM-24W6S-NMC-76	QRN 94008	ITT CANNON
311P10-22S-B-12	S-311-P-10	DDM-24W7S-NMB-77	QRN 94008	ITT CANNON
311P10-22S-B-15	S-311-P-10	DDM-24W7S-NMB-76	QRN 94008	ITT CANNON
311P10-22S-C-12	S-311-P-10	DDM-24W7S-NMC-76	QRN 94008	ITT CANNON
311P10-22S-C-15	S-311-P-10	DDM-24W7P-NMC-76	QRN 94008	ITT CANNON
311P10-23P-B-12	S-311-P-10	DDM-36W4P-NMB-77	QRN 94008	ITT CANNON
311P10-23P-B-15	S-311-P-10	DDM-36W4P-NMB-76	QRN 94008	ITT CANNON
311P10-23P-C-12	S-311-P-10	DDM-36W4S-NMC-77	QRN 94008	ITT CANNON
311P10-23P-C-15	S-311-P-10	DDM-36W4S-NMC-76	QRN 94008	ITT CANNON
311P10-23S-B-12	S-311-P-10	DDM-36W4S-NMB-77	QRN 94008	ITT CANNON
311P10-23S-B-15	S-311-P-10	DDM-36W4S-NMB-76	QRN 94008	ITT CANNON
311P10-23S-C-12	S-311-P-10	DDM-36W4S-NMC-77	QRN 94008	ITT CANNON
311P10-23S-C-15	S-311-P-10	DDM-36W4S-NMC-76	QRN 94008	ITT CANNON
311P10-24P-B-12	S-311-P-10	DDM-43W2P-NMB-77	QRN 94008	ITT CANNON
311P10-24P-B-15	S-311-P-10	DDM-43W2P-NMB-76	QRN 94008	ITT CANNON
311P10-24P-C-12	S-311-P-10	DDM-43W2S-NMC-77	QRN 94008	ITT CANNON
311P10-24P-C-15	S-311-P-10	DDM-43W2S-NMC-76	QRN 94008	ITT CANNON
311P10-24S-B-12	S-311-P-10	DDM-43W2S-NMB-77	QRN 94008	ITT CANNON
311P10-24S-B-15	S-311-P-10	DDM-43W2S-NMB-76	QRN 94008	ITT CANNON
311P10-24S-C-12	S-311-P-10	DDM-43W2S-NMC-77	QRN 94008	ITT CANNON
311P10-24S-C-15	S-311-P-10	DDM-43W2S-NMC-76	QRN 94008	ITT CANNON
311P10-25P-B-12	S-311-P-10	DDM-47W1P-NMB-77	QRN 94008	ITT CANNON
311P10-25P-B-15	S-311-P-10	DDM-47W1P-NMB-76	QRN 94008	ITT CANNON
311P10-25P-C-12	S-311-P-10	DDM-47W1P-NMC-77	QRN 94008	ITT CANNON
311P10-25P-C-15	S-311-P-10	DDM-47W1P-NMC-76	QRN 94008	ITT CANNON
311P10-25S-B-12	S-311-P-10	DDM-47W1S-NMB-77	QRN 94008	ITT CANNON
311P10-25S-B-15	S-311-P-10	DDM-47W1S-NMC-76	QRN 94008	ITT CANNON
311P10-25S-C-12	S-311-P-10	DDM-47W1S-NMC-77	QRN 94008	ITT CANNON
311P10-25S-C-15	S-311-P-10	DDM-47W1S-NMC-76	QRN 94008	ITT CANNON
311P10-2P-B-12	S-311-P-10	SND15M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-29-B-12	S-311-P-10	DAM-15P-NMB-77	QRN 94008	ITT CANNON
311P10-2P-B-15	S-311-P-10	SND15M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-2P-B-15	S-311-P-10	DAM-15P-NMB-76	QRN 94008	ITT CANNON
311P10-2P-C-12	S-311-P-10	DAM-15P-NMC-77	QRN 94008	ITT CANNON
311P10-2P-C-15	S-311-P-10	DAM-15P-NMC-76	QRN 94008	ITT CANNON

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NASA/GSFC DESIGNATION	NASA/GSFC SPECIFICATION	MANUFACTURER'S DESIGNATION	TEST PLAN REF. #	CONNECTOR MANUFACTURER
311P10-2S-B-12	S-311-P-10	SND 15F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-2S-B-12	S-311-P-10	DAM-15S-NMB-77	QRN 94008	ITT CANNON
311P10-2S-B-15	S-311-P-10	SND15F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-2S-B-15	S-311-P-10	DAM-15S-NMB-76	QRN 94008	ITT CANNON
CONNECTORS				
311P10-2S-C-12	S-311-P-10	DAM-15S-NMC-77	QRN 94008	ITT CANNON
311P10-2S-C-15	S-311-P-10	DAM-15S-NMC-76	QRN 94008	ITT CANNON
311P10-3P-B-12	S-311-P-10	SND25M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-3P-B-12	S-311-P-10	DBM-25P-NMB-77	QRN 94008	ITT CANNON
311P10-3P-B-15	S-311-P-10	SND25M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-3P-B-15	S-311-P-10	DBM-25P-NMB-76	QRN 94008	ITT CANNON
311P10-3P-C-12	S-311-P-10	DBM-25P-NMC-77	QRN 94008	ITT CANNON
311P10-3P-C-15	S-311-P-10	DBM-25P-NMC-76	QRN 94008	ITT CANNON
311P10-3S-B-12	S-311-P-10	SND25F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-3S-B-12	S-311-P-10	DBM-25S-NMB-77	QRN 94008	ITT CANNON
311P10-3S-B-15	S-311-P-10	SND25F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-3S-B-15	S-311-P-10	DBM-25S-NMB-76	QRN 94008	ITT CANNON
311P10-3S-C-12	S-311-P-10	DBM-26S-NMC-77	QRN 94008	ITT CANNON
311P10-3S-C-15	S-311-P-10	DBM-25S-NMC-76	QRN 94008	ITT CANNON
311P10-4P-B-12	S-311-P-10	SND37M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-4P-B-12	S-311-P-10	DCM-37P-NMB-77	QRN 94008	ITT CANNON
311P10-4P-B-15	S-311-P-10	SND37M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-4P-B-15	S-311-P-10	DCM-37P-NMB-76	QRN 94008	ITT CANNON
311P10-4P-C-12	S-311-P-10	DCM-37P-NMC-77	QRN 94008	ITT CANNON
311P10-4P-C-15	S-311-P-10	DCM-37P-NMC-76	QRN 94008	ITT CANNON
311P10-4S-B-12	S-311-P-10	SND37F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-4S-B-12	S-311-P-10	DCM-37S-NMB-77	QRN 94008	ITT CANNON
311P10-4S-B-15	S-311-P-10	SND37F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-4S-B-15	S-311-P-10	DCM-37S-NMB-76	QRN 94008	ITT CANNON
311P10-4S-C-12	S-311-P-10	DCM-37S-NMC-77	QRN 94008	ITT CANNON
311P10-4S-C-15	S-311-P-10	DCM-37S-NMC-76	QRN 94008	ITT CANNON
311P10-5P-B-12	S-311-P-10	SND50M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-5P-B-12	S-311-P-10	DDM-50P-NMB-77	QRN 94008	ITT CANNON
311P10-5P-B-15	S-311-P-10	SND50M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-5P-B-15	S-311-P-10	DDM-50P-NMB-76	QRN 94008	ITT CANNON
311P10-5P-C-12	S-311-P-10	DDM-50P-NMC-77	QRN 94008	ITT CANNON
311P10-5P-C-15	S-311-P-10	DDM-50P-NMC-76	QRN 94008	ITT CANNON
311P10-5S-B-12	S-311-P-10	SND50F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-5S-B-12	S-311-P-10	DDM-50S-NMB-77	QRN 94008	ITT CANNON
311P10-5S-B-15	S-311-P-10	SND50F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-5S-B-15	S-311-P-10	DDM-50S-NMB-76	QRN 94008	ITT CANNON
311P10-5S-C-12	S-311-P-10	DDM-50S-NMC-77	QRN 94008	ITT CANNON
311P10-5S-C-15	S-311-P-10	DDM-50S-NMC-76	QRN 94008	ITT CANNON
311P10-6P-B-12	S-311-P-10	DEM-5W1P-NMB-77	QRN 94008	ITT CANNON
311P10-6P-B-15	S-311-P-10	DEM-5W1P-NMB-76	QRN 94008	ITT CANNON
311P10-6P-C-12	S-311-P-10	DEM-5W1P-NMC-77	QRN 94008	ITT CANNON
311P10-6P-C-15	S-311-P-10	DEM-5W1P-NMC-76	QRN 94008	ITT CANNON
311P10-6S-B-12	S-311-P-10	DEM-5W1S-NMB-77	QRN 94008	ITT CANNON

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NASA/GSFC DESIGNATION	NASA/GSFC SPECIFICATION	MANUFACTURER'S DESIGNATION	TEST PLAN REF. #	CONNECTOR MANUFACTURER
311P10-6S-B-15	S-311-P-10	DEM-5W1S-NMB-76	QRN 94008	ITT CANNON
311P10-6S-C-12	S-311-P-10	DEM-5W1S-NMC-77	QRN 94008	ITT CANNON
311P10-6S-C-15	S-311-P-10	DEM-5W1S-NMC-76	QRN 94008	ITT CANNON
311P10-7P-B-12	S-311-P-10	DAM-3W3P-NMB-77	QRN 94008	ITT CANNON
311P10-7P-B-15	S-311-P-10	DAM-3W3P-NMB-76	QRN 94008	ITT CANNON
311P10-7P-C-12	S-311-P-10	DAM-3W3P-NMC-77	QRN 94008	ITT CANNON
CONNECTORS				
311P10-7P-C-15	S-311-P-10	DAM-3W3P-NMC-76	QRN 94008	ITT CANNON
311P10-7S-B-12	S-311-P-10	DAM-3W3S-NMB-77	QRN 94008	ITT CANNON
311P10-7S-B-15	S-311-P-10	DAM-3W3S-NMB-76	QRN 94008	ITT CANNON
311P10-7S-C-12	S-311-P-10	DAM-3W3S-NMC-77	QRN 94008	ITT CANNON
311P10-7S-C-15	S-311-P-10	DAM-3W3S-NMC-76	QRN 94008	ITT CANNON
311P10-8P-B-12	S-311-P-10	DAM-7W2P-NMB-77	QRN 94008	ITT CANNON
311P10-8P-B-15	S-311-P-10	DAM-7W2P-NMB-76	QRN 94008	ITT CANNON
311P10-8P-C-12	S-311-P-10	DAM-7W2P-NMC-77	QRN 94008	ITT CANNON
311P10-8P-C-15	S-311-P-10	DAM-7W2P-NMC-76	QRN 94008	ITT CANNON
311P10-8S-B-12	S-311-P-10	DAM-7W2S-NMB-77	QRN 94008	ITT CANNON
311P10-8S-B-15	S-311-P-10	DAM-7W2S-NMB-76	QRN 94008	ITT CANNON
311P10-8S-C-12	S-311-P-10	DAM-7W2S-NMC-77	QRN 94008	ITT CANNON
311P10-8S-C-15	S-311-P-10	DAM-7W2S-NMC-76	QRN 94008	ITT CANNON
311P10-9P-B-12	S-311-P-10	DAM-11W1P-NMB-77	QRN 94008	ITT CANNON
311P10-9P-B-15	S-311-P-10	DAM-11W1P-NMB-76	QRN 94008	ITT CANNON
311P10-9P-C-12	S-311-P-10	DAM-11W1P-NMC-77	QRN 94008	ITT CANNON
311P10-9P-C-15	S-311-P-10	DAM-11W1P-NMC-76	QRN 94008	ITT CANNON
311P10-9S-B-12	S-311-P-10	DAM-11W1S-NMB-77	QRN 94008	ITT CANNON
311P10-9S-B-15	S-311-P-10	DAM-11W1S-NMB-76	QRN 94008	ITT CANNON
311P10-9S-C-12	S-311-P-10	DAM-11W1S-NMC-77	QRN 94008	ITT CANNON
311P10-9S-C-15	S-311-P-10	DAM-11W1S-NMC-76	QRN 94008	ITT CANNON
311P10-10P-B-12	S-311-P-10	SCBM5W5M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-10P-B-15	S-311-P-10	SCBM5W5M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-10P-C-12	S-311-P-10	SCBM5W5M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-10P-C-15	S-311-P-10	SCBM5W5M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-10S-B-12	S-311-P-10	SCBM5WF0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-10S-B-15	S-311-P-10	SCBM5W5F00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-10S-C-12	S-311-P-10	SCBM5W5F0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-10S-C-15	S-311-P-10	SCBM5W5F00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-11P-B-12	S-311-P-10	SCBM9W4M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-11P-B-15	S-311-P-10	SCBM9W4M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-11S-B-12	S-311-P-10	SCBM9W4F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-11S-B-15	S-311-P-10	SCBM9W4F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-12P-B-12	S-311-P-10	SCBM13W3M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-12P-B-15	S-311-P-10	SCBM13W3M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-12P-C-12	S-311-P-10	SCBM9W4M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-12P-C-15	S-311-P-10	SCBM9W4M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-12S-B-12	S-311-P-10	SCBM13W3F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-12S-B-15	S-311-P-10	SCBM13W3F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-12S-C-12	S-311-P-10	SCBM13W3F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-12S-C-15	S-311-P-10	SCBM13W3F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES

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311P10-13P-B-12	S-311-P-10	SCBM17W2M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-13P-B-15	S-311-P-10	SCBM17W2M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-13P-C-12	S-311-P-10	SCBM17W2M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-13P-C-15	S-311-P-10	SCBM17W2M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-13S-B-12	S-311-P-10	SCBM17W2F000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-13S-B-15	S-311-P-10	SCBM17W2F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-13S-C-12	S-311-P-10	SCBM17W2F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-13S-C-15	S-311-P-10	SCBM17W2F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
CONNECTORS				
311P10-14P-B-12	S-311-P-10	SCBM21W1M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-14P-B-15	S-311-P-10	SCBM21W1M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-14P-C-12	S-311-P-10	SCBM21W1M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-14P-C-15	S-311-P-10	SCBM21W1M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-14S-B-12	S-311-P-10	SCBM21W1F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-14S-B-15	S-311-P-10	SCBM21W1F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-14S-C-12	S-311-P-10	SCBM21W1F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-14S-C-15	S-311-P-10	SCBM21W1F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-15P-B-12	S-311-P-10	SCBM8W8M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-15P-B-15	S-311-P-10	SCBM8W8M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-15P-C-12	S-311-P-10	SCBM8W8M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-15P-C-15	S-311-P-10	SCBM8W8M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-15S-B-12	S-311-P-10	SCBM8W8F0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-15S-B-15	S-311-P-10	SCBM8W8F00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-15S-C-12	S-311-P-10	SCBM1W1F0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-15S-C-15	S-311-P-10	SCBM8W8F00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-16P-B-12	S-311-P-10	SCBM13W6M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-16P-B-15	S-311-P-10	SCBM13W6M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-16P-C-12	S-311-P-10	SCBM13W6M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-16P-C-15	S-311-P-10	SCBM13W6M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-16S-B-12	S-311-P-10	SCBM13W6F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-16S-B-15	S-311-P-10	SCBM13W6F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-16S-C-12	S-311-P-10	SCBM13W6F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-16S-C-15	S-311-P-10	SCBM13W6F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-17P-B-12	S-311-P-10	SCBM17W5M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-17P-B-15	S-311-P-10	SCBM17W5M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-17P-C-12	S-311-P-10	SCBM17W5M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-17P-C-15	S-311-P-10	SCBM17W5M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-17S-B-12	S-311-P-10	SCBM17W5F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-17S-B-15	S-311-P-10	SCBM17W5F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-17S-C-12	S-311-P-10	SCBM17W5F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-17S-C-15	S-311-P-10	SCBM17W5F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-18P-B-12	S-311-P-10	SCBM21WA4M200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-18P-B-15	S-311-P-10	SCBM21WA4M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-18P-C-12	S-311-P-10	SCBM21WA4M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-18P-C-15	S-311-P-10	SCBM21WA4M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-18S-B-12	S-311-P-10	SCBM21WA4F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-18S-B-15	S-311-P-10	SCBM21WA4F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-18S-C-12	S-311-P-10	SCBM21WA4F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES

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311P10-18S-C-15	S-311-P-10	SCBM21WA4F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-1P-C-12	S-311-P-10	SND9M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-1P-C-15	S-311-P-10	SND9M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-1S-C-12	S-311-P-10	SND9F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-1S-C-15	S-311-P-10	SND9F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-20P-B-12	S-311-P-10	SCBM25W3M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-20P-B-15	S-311-P-10	SCBM25W3M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-20P-C-12	S-311-P-10	SCBM-25W3M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-20P-C-15	S-311-P-10	SCBM25W3M2020G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-20S-B-12	S-311-P-10	SCBM25W3F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
CONNECTORS				
311P10-20S-B-15	S-311-P-10	SCBM25W3F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-20S-C-12	S-311-P-10	SCBM25W3F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-20S-C-15	S-311-P-10	SCBM25W3F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-21P-B-12	S-311-P-10	SCBM27W2M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-21P-B-15	S-311-P-10	SCBM27W2M10200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-21P-C-12	S-311-P-10	SCBM27W2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-21P-C-15	S-311-P-10	SCBM27W2M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-21S-B-12	S-311-P-10	SCBM27W2F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-21S-B-15	S-311-P-10	SCBM27W2F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-21S-C-12	S-311-P-10	SCBM27WF2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-21S-C-15	S-311-P-10	SCBM27W2M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-22P-B-12	S-311-P-10	SCBM24W7M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-22P-B-15	S-311-P-10	SCBM24W7M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-22P-C-12	S-311-P-10	SCBM24W7M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-22P-C-15	S-311-P-10	SCBM24W7M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-22S-B-12	S-311-P-10	SCBM24W7F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-22S-B-15	S-311-P-10	SCBM24W7F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-22S-C-12	S-311-P-10	SCBM24W7F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-22S-C-15	S-311-P-10	SCBM24W7F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-23P-B-12	S-311-P-10	SCBM36W4M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-23P-B-15	S-311-P-10	SCBM36W4M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-23P-C-12	S-311-P-10	SCBM36W4M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-23P-C-15	S-311-P-10	SCBM36W4M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-23S-B-12	S-311-P-10	SCBM36W4F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-23S-B-15	S-311-P-10	SCBM36W4F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-23S-C-12	S-311-P-10	SCBM36W4F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-23S-C-15	S-311-P-10	SCBM36W4F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-24P-B-12	S-311-P-10	SCBM43W2M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-24P-B-15	S-311-P-10	SCBM43W2M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-24P-C-12	S-311-P-10	SCBM43W2F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-24P-C-15	S-311-P-10	SCBM43W2M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-24S-B-12	S-311-P-10	SCBM43W2F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-24S-B-15	S-311-P-10	SCBM47W1M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-24S-C-12	S-311-P-10	SCBM43W2F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-24S-C-15	S-311-P-10	SCBM43W2F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-25P-B-12	S-311-P-10	SCBM471M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-25P-B-15	S-311-P-10	SCBM47W1F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES

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311P10-25P-C-12	S-311-P-10	SCBM47W1M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-25P-C-15	S-311-P-10	SCBM47W1M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-25S-B-12	S-311-P-10	SCBM47W1F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-25S-B-15	S-311-P-10	SCBM47W1F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-25S-C-12	S-311-P-10	SCBM47W1F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-25S-C-15	S-311-P-10	SCBM47W1F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-2P-C-12	S-311-P-10	SND15M2000G-182.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-2S-C-12	S-311-P-10	SND15F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-2S-C-12	S-311-P-10	SND15M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-2S-C-15	S-311-P-10	SND15F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-3P-C-12	S-311-P-10	SND25M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-3P-C-15	S-311-P-10	SND25M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
CONNECTORS				
311P10-3S-C-12	S-311-P-10	SND25F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-3S-C-15	S-311-P-10	SND25F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-4P-C-12	S-311-P-10	SND37M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-4P-C-15	S-311-P-10	SND37M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-4S-C-12	S-311-P-10	SND37M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-4S-C-15	S-311-P-10	SND37F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-5P-C-12	S-311-P-10	SND50M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-5P-C-15	S-311-P-10	SND50M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-5S-C-12	S-311-P-10	SND50F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-5S-C-15	S-311-P-10	SND50F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-6P-B-12	S-311-P-10	SCBM5W1M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-6P-B-15	S-311-P-10	SCBM5W1M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-6P-C-12	S-311-P-10	SCBM5W1M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-6P-C-15	S-311-P-10	SCBM5W1M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-6S-B-12	S-311-P-10	SCBM5W1F200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-6S-B-15	S-311-P-10	SCBM5W1F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-6S-C-12	S-311-P-10	SCBM5W1F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-6S-C-15	S-311-P-10	SCBM5W1F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-7P-B-12	S-311-P-10	SCBM3W3M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-7P-B-15	S-311-P-10	SCBM3W3M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-7P-C-12	S-311-P-10	SCBM3W3M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-7P-C-15	S-311-P-10	SCBM3W3M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-7S-B-12	S-311-P-10	SCBM3WF0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-7S-B-15	S-311-P-10	SCBM3WF00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-7S-C-12	S-311-P-10	SCBM3W3F0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-7S-C-15	S-311-P-10	SCBM3W3F00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-8P-B-12	S-311-P-10	SCBM7W2M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-8P-B-15	S-311-P-10	SCBM7W2M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-8S-B-12	S-311-P-10	SCBM7W2F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-8S-B-15	S-311-P-10	SCBM7W2F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-8S-C-15	S-311-P-10	SCBM7W2F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-8S-C-12	S-311-P-10	SCBM7W2M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-9P-B-12	S-311-P-10	SCBM11W1M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-9P-B-15	S-311-P-10	SCBM11W1M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-9P-C-15	S-311-P-10	SCBM11W1M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES

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311P10-9P-C-12	S-311-P-10	SCBM7W2F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-9S-B-12	S-311-P-10	SCBM1121F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-9S-B-15	S-311-P-10	SCBM11WF20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-93-C-12	S-311-P-10	SCBM11W1M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-93-C-15	S-311-P-10	SCBM11W1F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-10P-B-12	S-311-P-4/05	212491-6	QRN 94005	AMP, INC
311P405-10P-B-12	S-311-P-4/05	SCBM5W5M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-10P-B-15	S-311-P-4/05	212491-7	QRN 94005	AMP, INC
311P405-10P-B-15	S-311-P-4/05	SCBM5W5M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-10S-B-12	S-311-P-4/05	212059-2	QRN 94005	AMP, INC
311P405-10S-B-12	S-311-P-4/05	SCBM5W5F0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-10S-B-12	S-311-P-4/05	SCBM5W5F000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-10S-B-15	S-311-P-4/05	212059-06	QRN 94005	AMP, INC
311P405-10S-B-15	S-311-P-4/05	SCBM5W5F00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
CONNECTORS				
311P405-10S-B-15	S-311-P-4/05	SCBM5W5F00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-11P-B-12	S-311-P-4/05	212498-2	QRN 94005	AMP, INC
311P405-11P-B-12	S-311-P-4/05	SCBC9W4M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-11P-B-15	S-311-P-4/05	212498-3	QRN 94005	AMP, INC
311P405-11P-B-15	S-311-P-4/05	SCBC9W4M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-11S-B-12	S-311-P-4/05	212502-2	QRN 94005	AMP, INC
311P405-11S-B-12	S-311-P-4/05	SCBC9W4F0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-11S-B-15	S-311-P-4/05	212502-3	QRN 94005	AMP, INC
311P405-11S-B-15	S-311-P-4/05	SCBC9W400200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-12P-B-12	S-311-P-4/05	208810-3	QRN 94005	AMP, INC
311P405-12P-B-12	S-311-P-4/05	SCBC13W3M0000G-1082-24	QRN 94007	POSITRONIC INDUSTRIES
311P405-12P-B-12	S-311-P-4/05	DBMA-13W3P-NMB-77	QRN 94008	ITT CANNON
311P405-12P-B-15	S-311-P-4/05	208810-4	QRN 94005	AMP, INC
311P405-12P-B-15	S-311-P-4/05	SCBC13W3M00200G-1082-24	QRN 94007	POSITRONIC INDUSTRIES
311P405-12S-B-12	S-311-P-4/05	208811-3	QRN 94005	AMP, INC
311P405-12S-B-12	S-311-P-4/05	SCBC13W3F0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-12S-B-12	S-311-P-4/05	DBMA-13W3S-NMB-77	QRN 94008	ITT CANNON
311P405-12S-B-15	S-311-P-4/05	208811-4	QRN 94005	AMP, INC
311P405-12S-B-15	S-311-P-4/05	SCBC13W3F00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-13P-B-12	S-311-P-4/05	212506-2	QRN 94005	AMP, INC
311P405-13P-B-12	S-311-P-4/05	SCBC17W2M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-13P-B-12	S-311-P-4/05	DBMA-17W2P-NMB-77	QRN 94008	ITT CANNON
311P405-13P-B-15	S-311-P-4/05	212506-4	QRN 94005	AMP, INC
311P405-13P-B-15	S-311-P-4/05	SCBC17W2M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-13S-B-12	S-311-P-4/05	212510-2	QRN 94005	AMP, INC
311P405-13S-B-12	S-311-P-4/05	SCBC17W2F0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-13S-B-12	S-311-P-4/05	DBMA-17W2S-NMB-77	QRN 94008	ITT CANNON
311P405-13S-B-15	S-311-P-4/05	212510-3	QRN 94005	AMP, INC
311P405-13S-B-15	S-311-P-4/05	SCBC17W2F00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-14P-B-12	S-311-P-4/05	212522-3	QRN 94005	AMP, INC
311P405-14P-B-12	S-311-P-4/05	SCBC21W1M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-14P-B-15	S-311-P-4/05	212522-4	QRN 94005	AMP, INC
311P405-14P-B-15	S-311-P-4/05	SCBC21W1M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES

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311P405-14S-B-12	S-311-P-4/05	212526-3	QRN 94005	AMP, INC
311P405-14S-B-12	S-311-P-4/05	SCBC21W1F0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-14S-B-15	S-311-P-4/05	212526-4	QRN 94005	AMP, INC
311P405-14S-B-15	S-311-P-4/05	SCBC21W1F00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-15P-B-12	S-311-P-4/05	446405-2	QRN 94005	AMP, INC
311P405-15P-B-12	S-311-P-4/05	SCBM8W8M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-15P-B-15	S-311-P-4/05	446405-3	QRN 94005	AMP, INC
311P405-15P-B-15	S-311-P-4/05	SCBM8W8M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-15S-B-12	S-311-P-4/05	445730-3	QRN 94005	AMP, INC
311P405-15S-B-12	S-311-P-4/05	SCBM8W8F0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-15S-B-15	S-311-P-4/05	445730-4	QRN 94005	AMP, INC
311P405-15S-B-15	S-311-P-4/05	SCBM8W8F00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-16P-B-12	S-311-P-4/05	SCBC13W6M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-16P-B-15	S-311-P-4/05	SCBC13W6M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-16S-B-12	S-311-P-4/05	SCBC13W6F0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-16S-B-15	S-311-P-4/05	SCBC13W6400200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
CONNECTORS				
311P405-17P-B-12	S-311-P-4/05	212514-3	QRN 94005	AMP, INC
311P405-17P-B-12	S-311-P-4/05	SCBC17W5M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-17P-B-15	S-311-P-4/05	212514-4	QRN 94005	AMP, INC
311P405-17P-B-15	S-311-P-4/05	SCBC17W5M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-17S-B-12	S-311-P-4/05	212518-3	QRN 94005	AMP, INC
311P405-17S-B-12	S-311-P-4/05	SCBC17W5F0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-17S-B-15	S-311-P-4/05	212518-4	QRN 94005	AMP, INC
311P405-17S-B-15	S-311-P-4/05	SCBC17W5F00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-18P-B-12	S-311-P-4/05	212530-2	QRN 94005	AMP, INC
311P405-18P-B-12	S-311-P-4/05	SCBC21WA4M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-18P-B-15	S-311-P-4/05	212530-3	QRN 94005	AMP, INC
311P405-18P-B-15	S-311-P-4/05	SCBC21WAFM00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-18S-B-12	S-311-P-4/05	212534-2	QRN 94005	AMP, INC
311P405-18S-B-12	S-311-P-4/05	SCBC21WA4F0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-18S-B-15	S-311-P-4/05	212534-3	QRN 94005	AMP, INC
311P405-18S-B-15	S-311-P-4/05	SCBC21WA4F00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-20P-B-12	S-311-P-4/05	208742-2	QRN 94005	AMP, INC
311P405-20P-B-12	S-311-P-4/05	SCBC25W3M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-20P-B-15	S-311-P-4/05	208742-3	QRN 94005	AMP, INC
311P405-20P-B-15	S-311-P-4/05	SCBC25W3M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-20S-B-12	S-311-P-4/05	208551-2	QRN 94005	AMP, INC
311P405-20S-B-12	S-311-P-4/05	SCBC25W3F0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-20S-B-15	S-311-P-4/05	208551-3	QRN 94005	AMP, INC
311P405-20S-B-15	S-311-P-4/05	SCBC25W3F00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-21P-B-12	S-311-P-4/05	212538-2	QRN 94005	AMP, INC
311P405-21P-B-12	S-311-P-4/05	SCBC27W2M000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-21P-B-15	S-311-P-4/05	212538-3	QRN 94005	AMP, INC
311P405-21P-B-15	S-311-P-4/05	SCBC27W2M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-21S-B-12	S-311-P-4/05	212542-2	QRN 94005	AMP, INC
311P405-21S-B-12	S-311-P-4/05	SCBC27W2F0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-21S-B-15	S-311-P-4/05	212542-3	QRN 94005	AMP, INC

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311P405-21S-B-15	S-311-P-4/05	SCBC27W2F00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-22P-B-12	S-311-P-4/05	208743-2	QRN 94005	AMP, INC
311P405-22P-B-12	S-311-P-4/05	SCBC24W7M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-22P-B-15	S-311-P-4/05	208743-6	QRN 94005	AMP, INC
311P405-22P-B-15	S-311-P-4/05	SCBC25W7M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-22S-B-12	S-311-P-4/05	208552-2	QRN 94005	AMP, INC
311P405-22S-B-12	S-311-P-4/05	SCBC244W7F0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-22S-B-15	S-311-P-4/05	208552-3	QRN 94005	AMP, INC
311P405-22S-B-15	S-311-P-4/05	SCBC24W7F00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-23P-B-12	S-311-P-4/05	207644-3	QRN 94005	AMP, INC
311P405-23P-B-12	S-311-P-4/05	SCBC36W4M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-23P-B-15	S-311-P-4/05	207644-4	QRN 94005	AMP, INC
311P405-23P-B-15	S-311-P-4/05	SCBC36W4M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-23S-B-12	S-311-P-4/05	208550-2	QRN 94005	AMP, INC
311P405-23S-B-12	S-311-P-4/05	SCBC36W4M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-23S-B-15	S-311-P-4/05	208550-3	QRN 94005	AMP, INC
311P405-23S-B-15	S-311-P-4/05	SCBC36W4F0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-24P-B-12	S-311-P-4/05	SCBC43W2M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
CONNECTORS				
311P405-24P-B-15	S-311-P-4/05	SCBC43W2M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-24S-B-12	S-311-P-4/05	SCBC47W1F0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-24S-B-15	S-311-P-4/05	SCBC43W2F00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-25P-B-12	S-311-P-4/05	SCBC47W1M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-25P-B-15	S-311-P-4/05	SCBC47W1M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-25S-B-12	S-311-P-4/05	SCBC47W1F0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-25S-B-15	S-311-P-4/05	SCBC47W1F00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-6P-B-12	S-311-P-4/05	SCBC5W1M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-6P-B-15	S-311-P-4/05	SCBC5W1M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-6S-B-12	S-311-P-4/05	SCBC5W1F0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-6S-B-15	S-311-P-4/05	SCBC5W1F00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-7P-B-12	S-311-P-4/05	448153-2	QRN 94005	AMP, INC
311P405-7P-B-12	S-311-P-4/05	SCBM3W3M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-7P-B-15	S-311-P-4/05	448153-3	QRN 94005	AMP, INC
311P405-7P-B-15	S-311-P-4/05	SCBM3W3M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-7S-B-12	S-311-P-4/05	445705-2	QRN 94005	AMP, INC
311P405-7S-B-12	S-311-P-4/05	SCBM3W3F0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-7S-B-15	S-311-P-4/05	445705-3	QRN 94005	AMP, INC
311P405-7S-B-15	S-311-P-4/05	SCBM3W3F00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-8P-B-12	S-311-P-4/05	448154-2	QRN 94005	AMP, INC
311P405-8P-B-12	S-311-P-4/05	SCBC7W2M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-8P-B-15	S-311-P-4/05	448154-3	QRN 94005	AMP, INC
311P405-8P-B-15	S-311-P-4/05	SCBC7W2M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-8P-B-15	S-311-P-4/05	DAMA-7W2P-NMB-88	QRN 94008	ITT CANNON
311P405-8S-B-12	S-311-P-4/05	SCBC7W2F000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-8S-B-15	S-311-P-4/05	SCBC7W2F00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-8S-B-15	S-311-P-4/05	DAMA-7W2S-NMB-77	QRN 94008	ITT CANNON
311P405-9P-B-12	S-311-P-4/05	211111-2	QRN 94005	AMP, INC
311P405-9P-B-12	S-311-P-4/05	SCBC11W1M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES

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311P405-9P-B-12	S-311-P-4/05	DAMA-11W1P-NMB-77	QRN 94008	ITT CANNON
311P405-9P-B-15	S-311-P-4/05	211111-3	QRN 94005	AMP, INC
311P405-9P-B-15	S-311-P-4/05	SCBC11W1M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-9S-B-12	S-311-P-4/05	211112-2	QRN 94005	AMP, INC
311P405-9S-B-12	S-311-P-4/05	SCBC11W1F0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-9S-B-12	S-311-P-4/05	DAMA-11W1S-NMB-77	QRN 94008	ITT CANNON
311P405-9S-B-15	S-311-P-4/05	211112-3	QRN 94005	AMP, INC
311P405-9S-B-15	S-311-P-4/05	SCBC11W1F00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P407-1P-B-12	S-311-P-4/07	TBD	QRN 93004	FRAMATOME
311P407-1P-B-12	S-311-P-4/07	206498-4	CTL 5066-382-017AR	AMP, INC
311P407-1P-B-12	S-311-P-4/07	SDD15M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P407-1P-B-15	S-311-P-4/07	206498-1	QRN 94005	AMP, INC
311P407-1P-B-15	S-311-P-4/07	SDD15M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P407-1S-B-12	S-311-P-4/07	TBD	QRN 93004	FRAMATOME
311P407-1S-B-12	S-311-P-4/07	206499-4	CTL 5066-382-017AR	AMP, INC
311P407-1S-B-12	S-311-P-4/07	SDD15F0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P407-1S-B-15	S-311-P-4/07	206499-1	QRN 94005	AMP, INC
311P407-1S-B-15	S-311-P-4/07	SDD15F00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
CONNECTORS				
311P407-2P-B-12	S-311-P-4/07	TBD	QRN 93004	FRAMATOME
311P407-2P-B-12	S-311-P-4/07	206500-4	QRN 94005	AMP, INC
311P407-2P-B-12	S-311-P-4/07	SDD26M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P407-2P-B-15	S-311-P-4/07	206500-1	QRN 94005	AMP, INC
311P407-2P-B-15	S-311-P-4/07	SDD26M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P407-2S-B-12	S-311-P-4/07	TBD	QRN 93004	FRAMATOME
311P407-2S-B-12	S-311-P-4/07	206501-4	QRN 94005	AMP, INC
311P407-2S-B-12	S-311-P-4/07	SDD26F0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P407-2S-B-15	S-311-P-4/07	206501-1	QRN 94005	AMP, INC
311P407-2S-B-15	S-311-P-4/07	SDD26F00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P407-3P-B-12	S-311-P-4/07	TBD	QRN 93004	FRAMATOME
311P407-3P-B-12	S-311-P-4/07	206063-4	QRN 94005	AMP, INC
311P407-3P-B-12	S-311-P-4/07	SDD44M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P407-3P-B-15	S-311-P-4/07	206063-2	QRN 94005	AMP, INC
311P407-3P-B-15	S-311-P-4/07	SDD44M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P407-3S-B-12	S-311-P-4/07	TBD	QRN 93004	FRAMATOME
311P407-3S-B-12	S-311-P-4/07	206064-4	QRN 94005	AMP, INC
311P407-3S-B-12	S-311-P-4/07	SDD44F0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P407-3S-B-15	S-311-P-4/07	206064-2	QRN 94005	AMP, INC
311P407-3S-B-15	S-311-P-4/07	SDD44F00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P407-4P-B-12	S-311-P-4/07	TBD	QRN 93004	FRAMATOME
311P407-4P-B-12	S-311-P-4/07	206502-4	QRN 94005	AMP, INC
311P407-4P-B-12	S-311-P-4/07	SDD62M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P407-4P-B-15	S-311-P-4/07	206502-1	QRN 94005	AMP, INC
311P407-4P-B-15	S-311-P-4/07	SDD62M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P407-4S-B-12	S-311-P-4/07	TBD	QRN 93004	FRAMATOME
311P407-4S-B-12	S-311-P-4/07	206503-4	QRN 94005	AMP, INC

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311P407-4S-B-12	S-311-P-4/07	SDD62F0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P407-4S-B-15	S-311-P-4/07	206503-1	QRN 94005	AMP, INC
311P407-4S-B-15	S-311-P-4/07	SDD62F00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P407-5P-B-12	S-311-P-4/07	TBD	QRN 93004	FRAMATOME
311P407-5P-B-12	S-311-P-4/07	206504-4	QRN 94005	AMP, INC
311P407-5P-B-12	S-311-P-4/07	SDD78M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P407-5P-B-15	S-311-P-4/07	206504-1	QRN 94005	AMP, INC
311P407-5P-B-15	S-311-P-4/07	SDD78M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P407-5S-B-12	S-311-P-4/07	TBD	QRN 93004	FRAMATOME
311P407-5S-B-12	S-311-P-4/07	206505-4	QRN 94005	AMP, INC
311P407-5S-B-12	S-311-P-4/07	SDD78F0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P407-5S-B-15	S-311-P-4/07	206505-1	QRN 94005	AMP, INC
311P407-5S-B-15	S-311-P-4/07	SDD78F00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P407-6P-B-12	S-311-P-4/07	TBD	QRN 93004	FRAMATOME
311P407-6P-B-12	S-311-P-4/07	206066-4	CTL 5066-382-017AR	AMP, INC
311P407-6P-B-12	S-311-P-4/07	SND104M00G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P407-6P-B-15	S-311-P-4/07	206066-2	QRN 94005	AMP, INC
311P407-6P-B-15	S-311-P-4/07	SDD104M0020G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P407-6S-B-12	S-311-P-4/07	TBD	QRN 93004	FRAMATOME
311P407-6S-B-12	S-311-P-4/07	206065-4	CTL 5066-382-017AR	AMP, INC
CONNECTORS				
311P407-6S-B-12	S-311-P-4/07	SDD104F000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P407-6S-B-15	S-311-P-4/07	206065-2	QRN 94005	AMP, INC
311P407-6S-B-15	S-311-P-4/07	SDD104F0020G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P409-1P-B-12	S-311-P-4/09	TBD	QRN 93004	FRAMATOME
311P409-1P-B-12	S-311-P-4/09	207252-2	CTL 5066-382-017AR	AMP, INC
311P409-1P-B-12	S-311-P-4/09	SND9M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P409-1P-B-12	S-311-P-4/09	DEMA-9P-NMB-K47	QRN 94008	ITT CANNON
311P409-1P-B-15	S-311-P-4/09	207252-1	QRN 94005	AMP, INC
311P409-1P-B-15	S-311-P-4/09	SND9M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P409-1P-B-15	S-311-P-4/09	DEMAK-9P-NMB-K47	QRN 94008	ITT CANNON
311P409-1S-B-12	S-311-P-4/09	TBD	QRN 93004	FRAMATOME
311P409-1S-B-12	S-311-P-4/09	207253-2	CTL 5066-382-017AR	AMP, INC
311P409-1S-B-12	S-311-P-4/09	SND9F0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P409-1S-B-12	S-311-P-4/09	DEMA-9S-NMB-K47	QRN 94008	ITT CANNON
311P409-1S-B-15	S-311-P-4/09	207253-1	QRN 94005	AMP, INC
311P409-1S-B-15	S-311-P-4/09	SND9F00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P409-1S-B-15	S-311-P-4/09	DEMAK-9S-NMB-K47	QRN 94008	ITT CANNON
311P409-2P-B-12	S-311-P-4/09	TBD	QRN 93004	FRAMATOME
311P409-2P-B-12	S-311-P-4/09	206798-2	QRN 94005	AMP, INC
311P409-29-B-12	S-311-P-4/09	SND15M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P409-2P-B-12	S-311-P-4/09	DAMA-15P-NMB-K47	QRN 94008	ITT CANNON
311P409-2P-B-15	S-311-P-4/09	206798-1	QRN 94005	AMP, INC
311P409-2P-B-15	S-311-P-4/09	SND15M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P409-2P-B-15	S-311-P-4/09	DAMAK-15P-NMB-K47	QRN 94008	ITT CANNON

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311P409-2S-B-12	S-311-P-4/09	TBD	QRN 93004	FRAMATOME
311P409-2S-B-12	S-311-P-4/09	206799-2	QRN 94005	AMP, INC
311P409-2S-B-12	S-311-P-4/09	SND15F0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P409-2S-B-12	S-311-P-4/09	DAMA-15S-NMB-K47	QRN 94008	ITT CANNON
311P409-2S-B-15	S-311-P-4/09	206799-1	QRN 94005	AMP, INC
311P409-2S-B-15	S-311-P-4/09	SND15F00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P409-2S-B-15	S-311-P-4/09	DAMAK-15S-NMB-K47	QRN 94008	ITT CANNON
311P409-3P-B-12	S-311-P-4/09	TBD	QRN 93004	FRAMATOME
311P409-3P-B-12	S-311-P-4/09	206800-2	QRN 94005	AMP, INC
311P409-3P-B-12	S-311-P-4/09	SND25M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P409-3P-B-12	S-311-P-4/09	DBMA-25P-NMB-K47	QRN 94008	ITT CANNON
311P409-3P-B-15	S-311-P-4/09	206800-1	QRN 94005	AMP, INC
311P409-3P-B-15	S-311-P-4/09	SND25M00200G-1082.24	QRN94007	POSITRONIC INDUSTRIES
311P409-3P-B-15	S-311-P-4/09	DBMAK-15P-NMB-K47	QRN 94008	ITT CANNON
311P409-3S-B-12	S-311-P-4/09	TBD	QRN 93004	FRAMATOME
311P409-3S-B-12	S-311-P-4/09	206801-2	QRN 94005	AMP, INC
311P409-3S-B-12	S-311-P-4/09	SND25F0000G-1082-24	QRN 94007	POSITRONIC INDUSTRIES
311P409-3S-B-12	S-311-P-4/09	DBMA-25S-NMB-K47	QRN 94008	ITT CANNON
311P409-3S-B-15	S-311-P-4/09	206801-1	QRN 94005	AMP, INC
311P409-3S-B-15	S-311-P-4/09	SND25F00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P409-3S-B-15	S-311-P-4/09	DBMAK-25S-NMB-K47	QRN 94008	ITT CANNON
311P409-4P-B-12	S-311-P-4/09	TBD	QRN 93004	FRAMATOME
311P409-4P-B-12	S-311-P-4/09	206802-2	QRN 94005	AMP, INC
CONNECTORS				
311P409-4P-B-12	S-311-P-4/09	SND37M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P409-4P-B-12	S-311-P-4/09	DCMA-37P-NMB-K47	QRN 94008	ITT CANNON
311P409-4P-B-15	S-311-P-4/09	206802-1	QRN 94005	AMP, INC
311P409-4P-B-15	S-311-P-4/09	SND37M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P409-4P-B-15	S-311-P-4/09	DCMAK-37P-NMB-K47	QRN 94008	ITT CANNON
311P409-4S-B-12	S-311-P-4/09	TBD	QRN 93004	FRAMATOME
311P409-4S-B-12	S-311-P-4/09	206803-2	QRN 94005	AMP, INC
311P409-4S-B-12	S-311-P-4/09	SND37F0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P409-4S-B-12	S-311-P-4/09	DCMA-37S-NMB-K47	QRN 94008	ITT CANNON
311P409-4S-B-15	S-311-P-4/09	206803-1	QRN 94005	AMP, INC
311P409-4S-B-15	S-311-P-4/09	SND37F00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P409-4S-B-15	S-311-P-4/09	DCMAK-37S-NMB-K47	QRN 94008	ITT CANNON
311P409-5P-B-12	S-311-P-4/09	TBD	QRN 93004	FRAMATOME
311P409-5P-B-12	S-311-P-4/09	206804-2	CTL 5066-382-017AR	AMP, INC
311P409-5P-B-12	S-311-P-4/09	SND50M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P409-5P-B-12	S-311-P-4/09	DDMA-50P-NMB-K47	QRN 94008	ITT CANNON
311P409-5P-B-15	S-311-P-4/09	206804-1	QRN 94005	AMP, INC
311P409-5P-B-15	S-311-P-4/09	SND50M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P409-5P-B-15	S-311-P-4/09	DDMAK-50P-NMB-K47	QRN 94008	ITT CANNON
311P409-5S-B-12	S-311-P-4/09	TBD	QRN 93004	FRAMATOME
311P409-5S-B-12	S-311-P-4/09	206805-2	CTL 5066-382-017AR	AMP, INC
311P409-5S-B-12	S-311-P-4/09	SND50F0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES

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311P409-5S-B-12	S-311-P-4/09	DDMA-50S-NMB-K47	QRN 94008	ITT CANNON
311P409-5S-B-15	S-311-P-4/09	206805-1	QRN 94005	AMP, INC
311P409-5S-B-15	S-311-P-4/09	SND50F00200G-1082-24	QRN 94007	POSITRONIC INDUSTRIES
311P409-5S-B-15	S-311-P-4/09	DDMAK-50P-NMB-K47	QRN 94008	ITT CANNON
700-42-1-P	S-311-P-718/1	882-200-001	92011	G&H TECHNOLOGY
700-42-1-S	S-311-P-718/1	882-100-001	92011	G&H TECHNOLOGY
700-42-2-P	S-311-P-718/1	882-200-002	92011	G&H TECHNOLOGY
700-42-2-S	S-311-P-718/1	882-100-002	92011	G&H TECHNOLOGY
700-42/3-1-P	S-311-P-718/3	882-1000-001	92011	G&H TECHNOLOGY
700-42/3-1-S	S-311-P-718/3	882-900-001	92011	G&H TECHNOLOGY
700-42/3-2-P	S-311-P-718/3	882-1000-002	92011	G&H TECHNOLOGY
700-42/3-2-S	S-311-P-718/3	882-900-002	92011	G&H TECHNOLOGY
700-42/3-3-P	S-311-P-718/3	882-1000-003	92011	G&H TECHNOLOGY
700-42/3-3-S	S-311-P-718/3	882-900-003	92011	G&H TECHNOLOGY
700-42/3-4-P	S-311-P-718/3	882-1000-004	92011	G&H TECHNOLOGY
700-42/3-4-S	S-311-P-718/3	882-900-004	92011	G&H TECHNOLOGY
700-42/5-1-P	S-311-P-718/5	882-800-001	92011	G&H TECHNOLOGY
700-425-1-S	S-311-P-718/5	882-700-001	92011	G&H TECHNOLOGY
700-42/5-2-P	S-311-P-718/5	882-800-002	92011	G&H TECHNOLOGY
700-42/5-2-S	S-311-P-718/5	882-700-002	92011	G&H TECHNOLOGY
700-42/6-1-P	S-311-P-718/6	882-600-001	92011	G&H TECHNOLOGY
700-42/6-1-S	S-311-P-718/6	882-500-001	92011	G&H TECHNOLOGY
700-42/6-2-P	S-311-P-718/6	882-600-002	92011	G&H TECHNOLOGY
700-42/6-2-S	S-311-P-718/6	882-500-002	92011	G&H TECHNOLOGY
G08P1	S-311-P-4/08	340100507B	QRN 93004	FRAMATOME
CONNECTORS				
G08P1	S-311-P-4/08	204370-8	QRN 94002	AMP, INC
G08P1	S-311-P-4/08	MC8022D-50-1202.4	QRN 94007	POSITRONIC INDUSTRIES
G08P1	S-311-P-4/08	030-2042-002	QRN 94008	ITT CANNON
G08S1	S-311-P-4/08	340100508B	QRN 93004	FRAMATOME
G08S1	S-311-P-4/08	206071-1	QRN 94002	AMP, INC
G08S1	S-311-P-4/08	FC8022D-50-1202.4	QRN 94007	POSITRONIC INDUSTRIES
G08S1	S-311-P-4/08	031-1147-002	QRN 94008	ITT CANNON
G10P1	S-311-P-4/10	340100501B	QRN 93004	FRAMATOME
G10P1	S-311-P-4/10	205089-4	QRN 94003	AMP, INC
G10P1	S-311-P-4/10	MC6020D-50-1202.4	QRN 94007	POSITRONIC INDUSTRIES
G10P1	S-311-P-4/10	330-5291-037	QRN 94008	ITT CANNON
G10S1	S-311-P-4/10	340100502B	QRN 93004	FRAMATOME
G10S1	S-311-P-4/10	206793-1	QRN 94003	AMP, INC
G10S1	S-311-P-4/10	FC6020D-50-1202.4	QRN 94007	POSITRONIC INDUSTRIES
G10S1	S-311-P-4/10	031-1007-052	QRN 94008	ITT CANNON
G1R	S-311-P-718/4	882-950-001	92011	G&H TECHNOLOGY
G1S	S-311-P-718/4	882-950-002	92011	G&H TECHNOLOGY
G2R	S-311-P-718/4	882-750-001	92011	G&H TECHNOLOGY
G3R	S-311-P-718/4	882-550-001	92011	G&H TECHNOLOGY
GCP1	S-311-P-4/06	Not Assigned	QRN 93003	AMP, INC
GCP1	S-311-P-4/06	DM53740-17	QRN 94008	ITT CANNON
GCP14	S-311-P-718/2	822-217-001	92011	G&H TECHNOLOGY

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GCP15	S-311-P-718/2	822-217-002	92011	G&H TECHNOLOGY
GCP2	S-311-P-4/06	Not Assigned	QRN 93003	AMP, INC
GCP2	S-311-P-4/06	DM53740-15	QRN 94008	ITT CANNON
GCP28	S-311-P-718/2	822-1130-001	92011	G&H TECHNOLOGY
GCP29	S-311-P-718/2	822-1131-001	92011	G&H TECHNOLOGY
GCP3	S-311-P-4/06	Not Assigned	QRN 93003	AMP, INC
GCP3	S-311-P-4/06	DM53740-16	QRN 94008	ITT CANNON
GCP4	S-311-P-4/06	Not Assigned	QRN 93003	AMP, INC
GCP4	S-311-P-4/06	DM53740-18	QRN 94008	ITT CANNON
GCRP1	S-311-P-4/06	Not Assigned	QRN 93003	AMP, INC
GCRP1	S-311-P-4/06	DM53741-12	QRN 94008	ITT CANNON
GCRO2	S-311-P-4/06	Not Assigned	QRN 93003	AMP, INC
GCRP2	S-311-P-4/06	DM53741-11	QRN 94008	ITT CANNON
GCRP3	S-311-P-4/06	Not Assigned	QRN 93003	AMP, INC
GCRP3	S-311-P-4/06	DM53741-10	QRN 94008	ITT CANNON
GCRP4	S-311-P-4/06	Not Assigned	QRN 93003	AMP, INC
GCRP4	S-311-P-4/06	DM53741-13	QRN 94008	ITT CANNON
GCS1	S-311-P-4/06	Not Assigned	QRN 93003	AMP, INC
GCS1	S-311-P-4/06	DM53742-18	QRN 94008	ITT CANNON
GCS14	S-311-P-718/2	822-117-001	92011	G&H TECHNOLOGY
GCS15	S-311-P-718/2	822-117-002	92011	G&H TECHNOLOGY
GCS2	S-311-P-4/06	Not Assigned	QRN 93003	AMP, INC
GCS2	S-311-P-4/06	DM53742-16	QRN 94008	ITT CANNON
GCS28	S-311-P-718/2	822-1230-001	92011	G&H TECHNOLOGY
GCS29	S-311-P-718/2	822-1231-001	92011	G&H TECHNOLOGY
GCS3	S-311-P-4/06	Not Assigned	QRN 93003	AMP, INC
GCS3	S-311-P-4/06	DM53742-17	QRN 94008	ITT CANNON
CONNECTORS				
GCS4	S-311-P-4/06	Not Assigned	QRN 93003	AMP, INC
GCS4	S-311-P-4/06	DM53742-19	QRN 94008	ITT CANNON
GCSR1	S-311-P-4/06	Not Assigned	QRN 93003	AMP, INC
GCSR1	S-311-P-4/06	DM43743-18	QRN 94008	ITT CANNON
GCSR2	S-311-P-4/06	Not Assigned	QRN 93003	AMP, INC
GCSR2	S-311-P-4/06	DM43743-16	QRN 94008	ITT CANNON
GCSR3	S-311-P-4/06	Not Assigned	QRN 93003	AMP, INC
GCSR3	S-311-P-4/06	DM43743-17	QRN 94008	ITT CANNON
GCSR4	S-311-P-4/06	Not Assigned	QRN 93003	AMP, INC
GCSR4	S-311-P-4/06	DM43743-19	QRN 94008	ITT CANNON
GDP27	S-311-P-718/2	822-1130-003	92011	G&H TECHNOLOGY
GDS27	S-311-P-718/2	822-1230-003	92011	G&H TECHNOLOGY
GHP6	S-311-P-4/06	Not Assigned	QRN 93003	AMP, INC
GHP6	S-311-P-4/06	DM51157-8	QRN 94008	ITT CANNON
GHRP6	S-311-P-4/06	Not Assigned	QRN 93003	AMP, INC
GHRP6	S-311-P-4/06	DM51157-5005	QRN 94008	ITT CANNON
GHR6	S-311-P-4/06	Not Assigned	QRN 93003	AMP, INC
GHR6	S-311-P-4/06	DM51155-5004	QRN 94008	ITT CANNON
GHS6	S-311-P-4/06	Not Assigned	QRN 93003	AMP, INC
GHS6	S-311-P-4/06	DM51155-7	QRN 94008	ITT CANNON

NASA/GSFC DESIGNATION	NASA/GSFC SPECIFICATION	MANUFACTURER'S DESIGNATION	TEST PLAN REF. #	CONNECTOR MANUFACTURER
GPP10	S-311-P-718/2	822-216-001	92011	G&H TECHNOLOGY
GPP11	S-311-P-718/2	822-216-002	92011	G&H TECHNOLOGY
GPP12	S-311-P-718/2	822-215-001	92011	G&H TECHNOLOGY
GPP13	S-311-P-718/2	822-215-002	92011	G&S TECHNOLOGY
GPP16	S-311-P-718/2	822-216-003	92011	G&H TECHNOLOGY
GPP17	S-311-P-718/2	822-216-004	92011	G&H TECHNOLOGY
GPP18	S-311-P-718/2	822-216-005	92011	G&H TECHNOLOGY
GPP19	S-311-P-718/2	822-216-006	92011	G&H TECHNOLOGY
GPP20	S-311-P-718/2	822-215-003	92011	G&H TECHNOLOGY
GPP21	S-311-P-718/2	822-215-004	92011	G&H TECHNOLOGY
GPP22	S-311-P-718/2	822-606-003	92011	G&H TECHNOLOGY
GPP23	S-311-P-718/2	822-606-004	92011	G&H TECHNOLOGY
GPP24	S-311-P-718/2	822-606-002	92011	G&H TECHNOLOGY
GPP25	S-311-P-718/2	822-606-001	92011	G&H TECHNOLOGY
GPS10	S-311-P-718/2	822-116-001	92011	G&H TECHNOLOGY
GPS11	S-311-P-718/2	822-116-002	92011	G&H TECHNOLOGY
GPS12	S-311-P-718/2	822-115-001	92011	G&H TECHNOLOGY
GPS13	S-311-P-718/2	822-115-002	92011	G&H TECHNOLOGY
GPS16	S-311-P-718/2	822-116-003	92011	G&H TECHNOLOGY
GPS20	S-311-P-718/2	822-136-001	92011	G&H TECHNOLOGY
GPS21	S-311-P-718/2	822-136-002	92011	G&H TECHNOLOGY
GPS22	S-311-P-718/2	822-508-003	92011	G&H TECHNOLOGY
GPS23	S-311-P-718/2	822-508-004	92011	G&H TECHNOLOGY
GPS24	S-311-P-718/2	822-508-002	92011	G&H TECHNOLOGY
GPS25	S-311-P-718/2	822-508-001	92011	G&H TECHNOLOGY
GTP26	S-311-P-718/2	822-1130-002	92011	G&H TECHNOLOGY
GTS26	S-311-P-718/2	822-1230-002	92011	G&H TECHNOLOGY
JTxxxx-xx-xxx(453)	S-311-P-768	JT SERIES	QRN 94003	AMPHENOL AEROSPACE
LJTxxxx-xx-xxx(453)	S-311-P-768	LJT SERIES	QRN 94003	AMPHENOL AEROSPACE
CONNECTORS				
PTSxxDRxxx-xxxx(453)	S-311-P-768	PTS-DR SERIES	QRN 94003	AMPHENOL AEROSPACE
Tvxxxx-xx-xxx(453)	S-311-P-768	TV SERIES	QRN 94003	AMPHENOL SEROSPACE

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4.4 RELAY - FSC 5945

NASA/GSFC DESIGNATION	NASA/GSFC SPECIFICATION	MANUFACTURER'S DESIGNATION	TEST PLAN REF. #	RELAY MANUFACTURER
RELAYS				
G311P754/03-001	S-311-P-754/03	91450101-10M,P	QRN 93002	DEUTSCH RELAYS
G311P754/03-001	S-311-P-754/03	JMAW-6XM,P	QRN 93002	SHERBURN ELECTRONICS
G311P754/03-002	S-311-P-754/03	91451011-10M,P	QRN 93002	DEUTSCH RELAYS
G311P754/03-002	S-311-P-754/03	JMAW-9XM,P	QRN 93002	SHERBURN ELECTRONICS
G311P754/03-003	S-311-P-754/03	91450201-10M,P	QRN 93002	DEUTSCH RELAYS
G311P754/03-003	S-311-P-754/03	JMAW-12XM,P	QRN 93002	SHERBURN ELECTRONICS
G311P754/03-004	S-311-P-754/03	91451101-10M,P	QRN 93002	DEUTSCH RELAYS
G311P754/03-004	S-311-P-754/03	JMAW-18XM,P	QRN 93002	SHERBURN ELECTRONICS
G311P754/03-005	S-311-P-754/03	91450301-10M,P	QRN 93002	DEUTSCH RELAYS
G311P754/03-005	S-311-P-754/03	JMAW-12XM,P	QRN 93002	SHERBURN ELECTRONICS
G311P754/04-001	S-311-P-754/04	914S70101-10M,P	QRN 93002	DEUTSCH RELAY
G311P754/04-001	S-311-P-754/04	JMACD-6XM,P	QRN 93002	SHERBURN ELECTRONICS
G311P754/04-002	S-311-P-754/04	914S71001-10M,P	QRN 93002	DEUTSCH RELAY
G311P754/04-002	S-311-P-754/04	JMACD-9XM,P	QRN 93002	SHERBURN ELECTRONICS
G311P754/04-003	S-311-P-754/04	914S70201-10M,P	QRN 93002	DEUTSCH RELAY
G311P754/04-003	S-311-P-754/04	JMACD-12XM,P	QRN 93002	SHERBURN ELECTRONICS
G311P754/04-004	S-311-P-754/04	914S71101-10M,P	QRN 93002	DEUTSCH RELAY
G311P754/04-004	S-311-P-754/04	JMACD-18XM,P	QRN 93002	SHERBURN ELECTRONICS
G311P754/04-005	S-311-P-754/04	914S70301-10M,P	QRN 93002	DEUTSCH RELAY
G311P754/04-005	S-311-P-754/04	JMACD-26XM,P	QRN 93002	SHERBURN ELECTRONICS
G311P754/06-001	S-311-P-754/06	61GB19-4-A-320(1)	QRN 93002	ELECTRONIC SPECIALITY
G311P754/06-001	S-311-P-754/06	BR246-320B2-28V13	QRN 93002	BABCOCK
G311P754/06-001	S-311-P-754/06	DE210-1180	QRN 93002	RELIAS ELECTRONIQUES
G311P754/06-001	S-311-P-754/06	E210-1180	QRN 93002	DEUTSCH RELAY
G311P754/06-001	S-311-P-754/06	FCA-210-13	QRN 93002	SHERBURN ELECTRONICS
G311P754/06-001	S-311-P-754/06	J-D2A-003	QRN 93002	LEACH CORPORATION
G311P754/06-001	S-311-P-754/06	M300-D2A-003	QRN 93002	LRE RELAIS ELEKTRONIK
G311P754/06-002	S-311-P-754/06	61GB19-A1-A-320(1)	QRN 93002	ELECTRONIC SPECIALITY
G311P754/06-002	S-311-P-754/06	BR246-320A2-28V14	QRN 93002	BABCOCK
G311P754/06-002	S-311-P-754/06	DE210-1181	QRN 93002	RELIAS ELECTRONIQUES
G311P754/06-002	S-311-P-754/06	E210-1181	QRN 93002	DEUTSCH RELAY
G311P754/06-002	S-311-P-754/06	FCA-210-14	QRN 93002	SHERBURN ELECTRONICS
G311P754/06-002	S-311-P-754/06	J-D4A-003	QRN 93002	LEACH CORPORATION
G311P754/06-002	S-311-P-754/06	M300-D4A-003	QRN 93002	LRE RELAIS ELEKTRONIK
G311P754/07-001	S-311-P-754/07	3SBC20009A2	QRN 93002	GENICOM CORPORATION
G311P754/07-001	S-311-P-754/07	J2G-4650-64M,P	QRN 93002	SHERBURN ELECTRONICS
G311P754/07-002	S-311-P-754/07	3SBC20010A2	QRN 93002	GENICOM CORPORATION
G311P754/07-002	S-311-P-754/07	J2G-4650-65M,P	QRN 93002	SHERBURN ELECTRONICS
G311P754/07-003	S-311-P-754/07	3SBC20011A2	QRN 93002	GENICOM CORPORATION
G311P754/07-003	S-311-P-754/07	J2G-4650-66M,P	QRN 93002	SHERBURN ELECTRONICS
G311P754/08-003	S-311-P-754/08	3SBM1071A2	QRN 93002	GENICOM CORPORATION
G311P754/09-001	S-311-P-754/09	3SBH1139A2	QRN 93002	GENICOM CORPORATION
G311P754/09-002	S-311-P-754/09	3SBH1148A2	QRN 93002	GENICOM CORPORATION
G311P754/09-003	S-311-P-754/09	3SBH1130A2	QRN 93002	GENICOM CORPORATION
G311P754/10/001	S-311-P-754/10	BR-230-290B2-28V9	QRN 93002	BABCOCK

NASA/GSFC DESIGNATION	NASA/GSFC SPECIFICATION	MANUFACTURER'S DESIGNATION	TEST PLAN REF. #	RELAY MANUFACTURER
RELAYS				
G311P754/10-001	S-311-P-754/10	DE410-1219	QRN 93002	RELIAS ELECTRONIQUES
G311P754/10-001	S-311-P-754/10	E410-1219	QRN 93002	DEUTSCH RELAYS
G311P754/10-001	S-311-P-754/10	FCA-410-9	QRN 93002	SHERBURN ELECTRONICS
G311P754/10-001	S-311-P-754/10	K-D2A-003	QRN 93002	LEACH CORPORATION
G311P754/10-001	S-311-P-754/10	M400-D2A-003	QRN 93002	LRE RELAIS ELEKTRONIK
G311P754/10-002	S-311-P-754/10	BR-230-290A2-28V9	QRN 93002	BABCOCK
G311P754/10-002	S-311-P-754/10	DE410-1220	QRN 93002	RELIAS ELECTRONIQUES
G311P754/10-002	S-311-P-754/10	E410-1220	QRN 93002	DEUTSCH RELAYS
G311P754/10-002	S-311-P-754/10	FCA-410-10	QRN 93002	SHERBURN ELECTRONICS
G311P754/10-002	S-311-P-754/10	K-D4A-003	QRN 93002	LEACH CORPORATION
G311P754/10-002	S-311-P-754/10	M400-D4A-003	QRN 93002	LRE RELAIS ELEKTRONIK
G311P754/11-001	S-311-P-754/11	KCL-D2A-002	QRN 93002	LEACH CORPORATION
G311P754/11-002	S-311-P-754/11	KCL-D4A-002	QRN 93002	LEACH CORPORATION

4.5 SEMICONDUCTOR - FSC 5961

NASA/GSFC DESIGNATION	NASA/GSFC SPECIFICATION	MANUFACTURER'S DESIGNATION	TEST PLAN REF. #	SEMICONDUCTOR MANUFACTURER
SEMICONDUCTORS				
S-311-540	S-311-540	SE3352-003	92012	LORAL

4.6 FIBER OPTICS - FSC 6060

NASA/GSFC DESIGNATION	NASA/GSFC SPECIFICATION	MANUFACTURER'S DESIGNATION	TEST PLAN REF. #	FIBER OPTICS MANUFACTURER
FIBER OPTICS				
S-311-339/1-1	S-311-339/1	OC1008/OC1011	QRN 92008	BICC GROUP N. AMERICA
3-11-448/1-1	S-311-448/1	M83522/2-03	QRN 92006	AMP, INC

4.7 WIRE - FSC 6145

NASA/GSFC DESIGNATION	NASA/GSFC SPECIFICATION	MANUFACTURER'S DESIGNATION	TEST PLAN REF. #	WIRE MANUFACTURER
WIRE				
311P13-01-10-**	S-311-P-13/01	44A0411-10-*	QRN 92007	RAYCHEM CORP
311P13-01-12-**	S-311-P-13/01	44A0411-12-*	QRN 92007	RAYCHEM CORP
311P13-01-14-**	S-311-P-13/01	44A0411-14-*	QRN 92007	RAYCHEM CORP
311P13-01-16-**	S-311-P-13/01	44A0411-16-*	QRN 92007	RAYCHEM CORP
311P13-01-18-**	S-311-P-13/01	44A0411-18-*	QRN 92007	RAYCHEM CORP
311P13-01-20-**	S-311-P-13/01	44A0411-20-*	QRN 92007	RAYCHEM CORP
311P13-01-22-**	S-311-P-13/01	44A0411-22-*	QRN 92007	RAYCHEM CORP
311P13-01-24-**	S-311-P-13/01	44A0411-24-*	QRN 92007	RAYCHEM CORP
311P13-01-26-**	S-311-P-13/01	44A0414-26-*	QRN 92007	RAYCHEM CORP
311P13-01-28-**	S-311-P-13/01	44A0414-28-*	QRN 92007	RAYCHEM CORP
311P13-01-30-**	S-311-P-13/01	44A0414-30-*	QRN 92007	RAYCHEM CORP
311P13-02-08-**	S-311-P-13/02	44A0211-08-*	QRN 92007	RAYCHEM CORP
311P13-02-10-**	S-311-P-13/02	44A0211-10-*	QRN 92007	RAYCHEM CORP
311P13-02-12-**	S-311-P-13/02	44A0211-12-*	QRN 92007	RAYCHEM CORP
311P13-02-14-**	S-311-P-13/02	44A0211-14-*	QRN 92007	RAYCHEM CORP
311P13-02-16-**	S-311-P-13/02	44A0211-16-*	QRN 92007	RAYCHEM CORP
311P13-02-18-**	S-311-P-13/02	44A0211-18-*	QRN 92007	RAYCHEM CORP
311P13-02-20-**	S-311-P-13/02	44A0211-20-*	QRN 92007	RAYCHEM CORP
311P13-02-22-**	S-311-P-13/02	44A0211-22-*	QRN 92007	RAYCHEM CORP
311P13-02-24-**	S-311-P-13/02	44A0211-24-*	QRN 92007	RAYCHEM CORP
311P13-02-26-**	S-311-P-13/02	44A0214-26-*	QRN 92007	RAYCHEM CORP
311P13-02-28-**	S-311-P-13/02	44A0214-28-*	QRN 92007	RAYCHEM CORP
311P13-03-0-**	S-311-P-13/03	44A0311-0-*	QRN 92007	RAYCHEM CORP
311P13-03-00-**	S-311-P-13/03	44A0311-00-*	QRN 92007	RAYCHEM CORP
311P13-03-02-**	S-311-P-13/03	44A0311-02-*	QRN 92007	RAYCHEM CORP
311P13-03-04-**	S-311-P-13/03	44A0311-04-*	QRN 92007	RAYCHEM CORP
311P13-03-06-**	S-311-P-13/03	44A0311-06-*	QRN 92007	RAYCHEM CORP
311P13-03-08-**	S-311-P-13/03	44A0311-08-*	QRN 92007	RAYCHEM CORP
311P13-03-10-**	S-311-P-13/03	44A0311-10-*	QRN 92007	RAYCHEM CORP
311P13-03-12-**	S-311-P-13/03	44A0311-12-*	QRN 92007	RAYCHEM CORP
311P13-03-14-**	S-311-P-13/03	44A0311-14-*	QRN 92007	RAYCHEM CORP
311P13-03-16-**	S-311-P-13/03	44A0311-16-*	QRN 92007	RAYCHEM CORP
311P13-03-18-**	S-311-P-13/03	44A0311-18*	QRN 92007	RAYCHEM CORP
311P13-03-20-**	S-311-P-13/03	44A0311-20-*	QRN 92007	RAYCHEM CORP
311P13-03-22-**	S-311-P-13/03	44A0311-22-*	QRN 92007	RAYCHEM CORP
311P13-03-24-**	S-311-P-13/03	44A0311-24-*	QRN 92007	RAYCHEM CORP

5.0 MANUFACTURERS LISTING

Manufacturer: Amphenol Aerospace
Bendix Connectors Opns
Street Address: 40-60 Delaware Avenue
City,State,Zip Code: Sidney NY 13838-1395

Phone: 607/563-5011

CAGE Code: 77820

Manufacturer: Amp Netconnect (Tyco Electronics)
Street Address: 2800 Fulling Mill Road
PO Box 3608
City, State Zip Code: Harrisburg, PA 17105-3608

Phone: 717/564-0100, 800/533-0938 (Information Center)

FAX: 717/780-7112

TWX: 510/657-4110

CAGE Code: 00779

Manufacturer: Babcock, Inc.
Street Address: 14930 Alondra Blvd.
City, State Zip Code: La Mirada, CA 90638-5752

Phone: 714/994-6500

FAX: 714/538-9740

CAGE Code: 56623

Manufacturer: Balfour Beatty Plc.
Street Address: 130 Wilton Road
City, State Zip Code: London 8W1V 1L

Phone: 860/456-8000

FAX: 860/450-7019

CAGE Code: 71124

Manufacturer: Caddock Electronics, Inc
Street Address: 1717 Chicago Avenue
City, State Zip Code: Riverside, CA 92507-2364

Phone: 909/788-1700
FAX: 909/369-1151
TWX: 910-332-6108

CAGE Code: 19647

Manufacturer: Deutsch Relays, Inc
Street Address: 95 Daly Road
City, State, Zip Code: East Northport, NY 11731-6307

Phone: 516/499-6000
FAX: 516/499-6015

CAGE Code: 99699

Manufacturer: Electronic Specialty Corp
Street Address: 14511 NE 13th Ave
P.O. Box 3501
City, State, Zip Code: Vancouver, WA 98668-3501

Phone: 360/574-5000
FAX: 360/573-4635

CAGE Code: 98927

Manufacturer: Elmwood Sensors, Inc.
Sub of Fasco Industries, Inc.
Street Address: 500 Narragansett Park Drive
City, State, Zip Code: Pawtucket, RI 02861-4325

Phone: 401/727-1300

CAGE Code: 14604

Manufacturer: Framatome Connectors, Inc. [Formerly Souriau]
Street Address: 51 Richards Avenue
City,State,Zip Code: Norwalk, CT 06856-2309

Phone: 203/838-4444
FAX: 203/852-6227

CAGE Code: 59610

Manufacturer: G & H Technology, Inc
Street Address: 750 W. Ventura Blvd
City, State Zip Code: Camarillo, CA 93010-5804

Phone: 805/484/0543
FAX: 805/987-5062

CAGE Code: 99447

Manufacturer: Genicom Corp / Genicom Relays [Acquired by Communication Instruments Inc. 12/97]
Street Address: 1 Solutions Way
City,State,Zip Code: Waynesboro, VA 22980-1999

Phone: 540/949-1471
Fax: 540/949-1416
TWX: 710-839-0407

CAGE Code: 01526

Manufacturer: ITT Cannon
Street Address: 666 E. Dyer Road1851 E Deere Avenue
City,State,Zip Code: Santa Ana, CA 92702-0929

Phone: 714/557-4700
Fax: 714/754-2142

CAGE Code: 71468

Manufacturer: Leach International
Street Address: 6900 Orangethorpe Avenue
City,State,Zip Code: Buena Park, CA 90622-1351

Phone: 714/739-0770
Fax: 714/739-1713
TWX: 910-596-2867

CAGE Code: 58657, 00614

Manufacturer: Loral Infrared and Imaging Systems, Inc
Street Address: 2 Forbes Road
City,State,Zip Code: Lexington, MA 02173-7306

Phone: 617-863-3176

CAGE Code: 81395

Manufacturer: LRE Relais Elektronik
Street Address: Hofer Strasse 5
City,State,Zip Code: D-8860 Nordlinger Germany

CAGE Code: D0080

Manufacturer: Maida Development Company
Street Address: 20 Libby Street
PO Box 3529
City,State,Zip Code: Hampton, VA 23663

Phone: 757/723-0785
Fax: 757/722-1194
TWX: 82-3443

CAGE Code: 91984

Manufacturer: Minco Products, Inc.
Street Address: 7300 Commerce Lane
City,State,Zip Code: Minneapolis, MN 55432-3113

Phone: 612/571-3121

CAGE Code: 09359

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Manufacturer: Positronic Industries, Inc
Street Address: 423 N. Campbell Avenue
PO Box 8247
City,State,Zip Code: Springfield, MO 65806-1007

Phone: 417/866-2322, 900/641-4054
Fax: 417/866-4115
TWX: 436-445

CAGE Code: 28198

Manufacturer: Relais Electroniques
Street Address: 22 Rue Des Chaises
City,State,Zip Code: F45140 St. Jean Delaruelle, France

CAGE Code: None

Manufacturer: Sherburn Electronics
Street Address: 85 Nutmeg Road S.
City,State,Zip Code: South Windsor, CT 06074-3467

Phone: 609/589-7500

CAGE Code: 9Y507

Manufacturer: Raychem Corporation
Street Address: 300 Constitution Drive
City,State,Zip Code: Menlo Park, CA 94025

Phone: 415 361-4455
Fax:

CAGE Code: 06090

Manufacturer: Victoreen, Inc (Electronic Components)
Street Address: 6000 Cochran Road
City,State,Zip Code: Solon, OH 44139-3395

Phone: 216/248-9300
Fax: 216/248-9301
TWX: 810-421-8287

CAGE Code: 63060

Manufacturer: Vishay Resistive Systems
Street Address: 63 Lincoln Highway
City,State,Zip Code: Malvern, PA 19355-2120

Phone: (610) 644-1300
Fax: (610) 296-0657

CAGE Code: 18612

Manufacturer: Wilbrecht Electronics, Inc.
Street Address: 1400 Energy Park Dr. Suite 18
City,State,Zip Code: St. Paul, MN 55108-5248

Phone: (651) 659-0919
Fax: (651) 659-9204

CAGE Code: 0KUU5

Manufacturer: YSI Temperature
Street Address: 2670 Indian Ripple Road
City,State,Zip Code: Dayton, OH 45440

Phone: 937/767-7241, 800/765-4974
Fax: 937/767-9353
TWX: 205437

CAGE Code: 1L9U5
