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SUPERSEDING GSFC-311-QPLD-034

QUALIFIED

PARTS LIST

DIRECTORY

SPACE ENVIRONMENTAL EFFECTS BRANCH
TECHNOLOGIES OFFICE CODE 526
NASA/GODDARD SPACE FLIGHT CENTER
GREENBELT, MARYLAND 20771-0001

TABLE OF CONTENTS

1.0 STATEMENT OF PURPOSE 1

2.0 PREPARING ACTIVITY 1

3.0 RETENTION OF QUALIFICATION 1

4.0 WAIVERS 1

5.0 PARTS LISTING 1

5.1 CAPACITORS – FSC 5910…. 2

5.2 CONNECTORS - FSC 5935…. 2

5.3 RELAYS - FSC 5945…. 26

5.4 RESISTORS - FSC 5905… 29

5.5 THERMISTORS - FSC 5905. 30

5.6 THERMOFOIL HEATERS - FSC 5905…. 34

5.7 THERMOSTATS - FSC 5905… 35

6.0 MANUFACTURERS LISTING 36

REVISION HISTORY		
Date	**Revision Notice**	**Originator**
03/06/09	A-153	Javad Shockri
05/26/09	A-157	Javad Shockri
07/16/09	A-161	Javad Shockri
08/28/09	A-163	Javad Shockri
07/30/10	A-168	Javad Shockri
07/13/11	A-171	Javad Shockri
08/05/11	A-173	Javad Shockri
07/31/12	A-178	Javad Shockri
04/18/13	A-182	Thom Perry
06/25/13	A-186	Thom Perry
12/29/14	A-192	Thom Perry
01/29/15	A-193	Javad Shockri
06/19/15	A-196	Thom Perry
08/24/15	A-198	Javad Shockri
9/24/15	A-199	Thom Perry
2/11/16	A-201	Javad Shockri
2/17/16	A-202	Bruce Meinhold
3/10/16	A-204	Javad Shockri
4/20/16	A-205	Javad Shockri
09/08/16	A-206	Javad Shockri
01/27/17	A-210	Javad Shockri
01/03/18	A-215	Eric Haggquist
08/20/19	A-221	Eric Haggquist
10/05/23	A-224	Bruce Meinhold
09/08/25	A-227	Jay Brusse
10/05/26	A-235	Jay Brusse

1.0 PURPOSE

Goddard Space Flight Center (GSFC) has prepared this Qualified Parts List Directory (QPLD) for procurement of products governed by the NASA/GSFC specifications cited herein. These specifications are prepared whenever an acceptable part for space cannot be procured to military or other government-controlled specifications. Listing of products in this QPLD is contingent on satisfying the qualification requirements in the latest issue of the applicable GSFC procurement specification.

Listing of a product is not intended to and does not connote endorsement of the product by NASA. 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:

Space Environmental Effects Branch Code 526
NASA/Goddard Space Flight Center
Greenbelt, MD 20771-0001

E-Mail: gsfc-qpld-admin@mail.nasa.gov

3.0 RETENTION OF QUALIFICATION

Continued listing of products in this QPLD is contingent upon satisfying the retention of qualification requirements as specified in the applicable GSFC procurement specification.

4.0 WAIVERS

When there are no available products listed against any NASA/GSFC specification in the QPLD, 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 that shall consist of performing all qualification tests in the applicable GSFC procurement specification. A copy of the test data shall be forwarded to the QPLD Administrator as consideration for future listing in this QPLD.

5.0 PARTS LISTING

Parts are listed by commodity type, NASA/GSFC Part Number, Manufacturer's Similar Part Number, 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 6.0 of the QPLD. Contact the QPLD Administrator for recommended Manufacturer points of contact. Do not use the manufacturer's similar part number for item acquisition. Items acquired to this number may not satisfy the performance requirements of the NASA/GSFC drawing.

5.1 CAPACITORS

GSFC S-311-P-829 Capacitor, Ceramic, Multilayer Chip, Space Applications			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
G311P829**********	SR Series	QPDSIS-123	Presidio Components, Inc.

GSFC S-311-P-838 Capacitor, Ceramic, Multilayer Chip, Base-Metal Electrodes, Space Applications			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
G311P838**********	Custom manufactured to the GSFC specification.	122014	Kyocera-AVX

5.2 CONNECTORS

GSFC S-311-P-10, Connector, Electrical, Rectangular, Miniature, Polarized Shell, Rack and Panel, For Space Flight Use			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
311P10-1P-B-12	DEM-9P-NMB-K52	QRN 94008	ITT CANNON
311P10-1P-B-12	SND9M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-1P-B-12	C115372-3000	24308-3535-12	C&K CONNECT
311P10-1P-B-15	DEM-9P-NMB-K52	QRN 94008	ITT CANNON
311P10-1P-B-15	SND9M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-1P-C-12	DEM-9P-NMC-K52	QRN 94008	ITT CANNON
311P10-1P-C-12	SND9M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-1P-C-15	DEM-9P-NMC-K52	QRN 94008	ITT CANNON
311P10-1P-C-15	SND9M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311p10-1S-B-12	DEM-9S-NMB-K52	QRN 94008	ITT CANNON
311P10-1S-B-12	SND9F2000G-1082.24 SND9S2000G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P10-1S-B-12	C115372-3001	24308-3535-12	C&K CONNECT
311P10-1S-B-15	DEM-9S-NMB-K52	QRN 94008	ITT CANNON
311P10-1S-B-15	SND9F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-1S-C-12	DEM-9S-NMC-K52	QRN 94008	ITT CANNON
311P10-1S-C-12	SND9F2000G-1082.24 SND9S2000G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P10-1S-C-15	DEM-9S-NMC-K52	QRN 94008	ITT CANNON
311P10-1S-C-15	SND9F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-2P-B-12	SND15M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-2P-B-12	C115372-3002	24308-3535-12	C&K CONNECT
311P10-2P-B-15	DAM-15P-NMB-K52	QRN 94008	ITT CANNON
311P10-2P-B-15	SND15M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-2P-C-12	DAM-15P-NMC-K52	QRN 94008	ITT CANNON
311P10-2P-C-12	SND15M2000G-182.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-2P-C-15	DAM-15P-NMC-K52	QRN 94008	ITT CANNON
311P10-2S-B-12	DAM-15S-NMB-K52	QRN 94008	ITT CANNON

GSFC S-311-P-10, Connector, Electrical, Rectangular, Miniature, Polarized Shell, Rack and Panel, For Space Flight Use			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
311P10-2S-B-12	SND15F2000G-1082.24 SND15S2000G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P10-2S-B-12	C115372-3003	24308-3535-12	C&K CONNECT
311P10-2S-B-15	DAM-15S-NMB-K52	QRN 94008	ITT CANNON
311P10-2S-B-15	SND15F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-2S-C-12	DAM-15S-NMC-K52	QRN 94008	ITT CANNON
311P10-2S-C-12	SND15F2000G-1082.24 SND15S2000G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P10-2S-C-12	SND15M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-2S-C-15	DAM-15S-NMC-K52	QRN 94008	ITT CANNON
311P10-2S-C-15	SND15F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-3P-B-12	DBM-25P-NMB-K52	QRN 94008	ITT CANNON
311P10-3P-B-12	SND25M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-3P-B-12	C115372-3004	24308-3535-12	C&K CONNECT
311P10-3P-B-15	DBM-25P-NMB-K52	QRN 94008	ITT CANNON
311P10-3P-B-15	SND25M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-3P-C-12	DBM-25P-NMC-K52	QRN 94008	ITT CANNON
311P10-3P-C-12	SND25M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-3P-C-15	DBM-25P-NMC-K52	QRN 94008	ITT CANNON
311P10-3P-C-15	SND25M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-3S-B-12	DBM-25S-NMB-K52	QRN 94008	ITT CANNON
311P10-3S-B-12	SND25F2000G-1082.24 SND25S2000G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P10-3S-B-12	C115372-3005	24308-3535-12	C&K CONNECT
311P10-3S-B-15	DBM-25S-NMB-K52	QRN 94008	ITT CANNON
311P10-3S-B-15	SND25F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-3S-C-12	DBM-26S-NMC-K52	QRN 94008	ITT CANNON
311P10-3S-C-12	SND25F2000G-1082.24 SND25S2000G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P10-3S-C-15	DBM-25S-NMC-K52	QRN 94008	ITT CANNON
311P10-3S-C-15	SND25F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-4P-B-12	DCM-37P-NMB-K52	QRN 94008	ITT CANNON
311P10-4P-B-12	SND37M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-4P-B-12	C115372-3006	24308-3535-12	C&K CONNECT
311P10-4P-B-15	DCM-37P-NMB-K52	QRN 94008	ITT CANNON
311P10-4P-B-15	SND37M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-4P-C-12	DCM-37P-NMC-K52	QRN 94008	ITT CANNON

GSFC S-311-P-10, Connector, Electrical, Rectangular, Miniature, Polarized Shell, Rack and Panel, For Space Flight Use			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
311P10-4P-C-12	SND37M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-4P-C-15	DCM-37P-NMC-K52	QRN 94008	ITT CANNON
311P10-4P-C-15	SND37M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-4S-B-12	DCM-37S-NMB-K52	QRN 94008	ITT CANNON
311P10-4S-B-12	SND37F2000G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P10-4S-B-12	C115372-3007	24308-3535-12	C&K CONNECT
311P10-4S-B-15	DCM-37S-NMB-K52	QRN 94008	ITT CANNON
311P10-4S-B-15	SND37F20200G-1082.24 SND37S20200G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P10-4S-C-12	DCM-37S-NMC-K52	QRN 94008	ITT CANNON
311P10-4S-C-12	SND37M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-4S-C-15	DCM-37S-NMC-K52	QRN 94008	ITT CANNON
311P10-4S-C-15	SND37F20200G-1082.24 SND37S20200G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P10-5P-B-12	DDM-50P-NMB-K52	QRN 94008	ITT CANNON
311P10-5P-B-12	SND50M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-5P-B-12	C115372-3008	24308-3535-12	C&K CONNECT
311P10-5P-B-15	DDM-50P-NMB-K52	QRN 94008	ITT CANNON
311P10-5P-B-15	SND50M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-5P-C-12	DDM-50P-NMC-K52	QRN 94008	ITT CANNON
311P10-5P-C-12	SND50M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-5P-C-15	DDM-50P-NMC-K52	QRN 94008	ITT CANNON
311P10-5P-C-15	SND50M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-5S-B-12	DDM-50S-NMB-K52	QRN 94008	ITT CANNON
/311P10-5S-B-12	SND50F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-5S-B-12	C115372-3009	24308-3535-12	C&K CONNECT
311P10-5S-B-15	DDM-50S-NMB-K52	QRN 94008	ITT CANNON
311P10-5S-B-15	SND50F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-5S-C-12	DDM-50S-NMC-K52	QRN 94008	ITT CANNON
311P10-5S-C-12	SND50F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-5S-C-15	DDM-50S-NMC-K52	QRN 94008	ITT CANNON
311P10-5S-C-15	SND50F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-6P-B-12	DEM-5W1P-NMB-K52	QRN 94008	ITT CANNON
311P10-6P-B-12	SCBM5W1M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-6P-B-15	DEM-5W1P-NMB-K52	QRN 94008	ITT CANNON
311P10-6P-B-15	SCBM5W1M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES

GSFC S-311-P-10, Connector, Electrical, Rectangular, Miniature, Polarized Shell, Rack and Panel, For Space Flight Use			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
311P10-6P-C-12	DEM-5W1P-NMC-K52	QRN 94008	ITT CANNON
311P10-6P-C-12	SCBM5W1M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-6P-C-15	DEM-5W1P-NMC-K52	QRN 94008	ITT CANNON
311P10-6P-C-15	SCBM5W1M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-6S-B-12	DEM-5W1S-NMB-K52	QRN 94008	ITT CANNON
311P10-6S-B-12	SCBM5W1F200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-6S-B-15	DEM-5W1S-NMB-K52	QRN 94008	ITT CANNON
311P10-6S-B-15	SCBM5W1F202000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-6S-C-12	DEM-5W1S-NMC-K52	QRN 94008	ITT CANNON
311P10-6S-C-12	SCBM5W1F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-6S-C-15	DEM-5W1S-NMC-K52	QRN 94008	ITT CANNON
311P10-6S-C-15	SCBM5W1F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-7P-B-12	DAM-3W3P-NMB-K52	QRN 94008	ITT CANNON
311P10-7P-B-12	SCBM3W3M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-7P-B-15	DAM-3W3P-NMB-K52	QRN 94008	ITT CANNON
311P10-7P-B-15	SCBM3W3M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-7P-C-12	DAM-3W3P-NMC-K52	QRN 94008	ITT CANNON
311P10-7P-C-12	SCBM3W3M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-7P-C-15	DAM-3W3P-NMC-K52	QRN 94008	ITT CANNON
311P10-7P-C-15	SCBM3W3M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-7S-B-12	DAM-3W3S-NMB-K52	QRN 94008	ITT CANNON
311P10-7S-B-12	SCBM3WF0000G-1082.24 SCBM3WS0000G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P10-7S-B-15	DAM-3W3S-NMB-K52	QRN 94008	ITT CANNON
311P10-7S-B-15	SCBM3WF00200G-1082.24 SCBM3WS00200G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P10-7S-C-12	DAM-3W3S-NMC-K52	QRN 94008	ITT CANNON
311P10-7S-C-12	SCBM3W3F0000G-1082.24 SCBM3W3S0000G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P10-7S-C-15	DAM-3W3S-NMC-K52	QRN 94008	ITT CANNON
311P10-7S-C-15	SCBM3W3F00200G-1082.24 SCBM3W3S00200G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P10-8P-B-12	DAM-7W2P-NMB-K52	QRN 94008	ITT CANNON
311P10-8P-B-12	SCBM7W2M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-8P-B-15	DAM-7W2P-NMB-K52	QRN 94008	ITT CANNON
311P10-8P-B-15	SCBM7W2M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES

GSFC S-311-P-10, Connector, Electrical, Rectangular, Miniature, Polarized Shell, Rack and Panel, For Space Flight Use			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
311P10-8P-C-12	DAM-7W2P-NMC-K52	QRN 94008	ITT CANNON
311P10-8P-C-12	SCBM7W2M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-8P-C-15	DAM-7W2P-NMC-K52	QRN 94008	ITT CANNON
311P10-8S-B-12	DAM-7W2S-NMB-K52	QRN 94008	ITT CANNON
311P10-8S-B-12	SCBM7W2F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-8S-B-15	DAM-7W2S-NMB-K52	QRN 94008	ITT CANNON
311P10-8S-B-15	SCBM7W2F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-8S-C-12	DAM-7W2S-NMC-K52	QRN 94008	ITT CANNON
311P10-8S-C-12	SCBM7W2M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-8S-C-15	DAM-7W2S-NMC-K52	QRN 94008	ITT CANNON
311P10-8S-C-15	SCBM7W2F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-93-C-12	SCBM11W1M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-93-C-15	SCBM11W1F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-9P-B-12	DAM-11W1P-NMB-K52	QRN 94008	ITT CANNON
311P10-9P-B-12	SCBM11W1M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-9P-B-15	DAM-11W1P-NMB-K52	QRN 94008	ITT CANNON
311P10-9P-B-15	SCBM11W1M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-9P-C-12	DAM-11W1P-NMC-K52	QRN 94008	ITT CANNON
311P10-9P-C-12	SCBM7W2F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-9P-C-15	DAM-11W1P-NMC-K52	QRN 94008	ITT CANNON
311P10-9P-C-15	SCBM11W1M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-9S-B-12	DAM-11W1S-NMB-K52	QRN 94008	ITT CANNON
311P10-9S-B-12	SCBM1121F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-9S-B-15	DAM-11W1S-NMB-K52	QRN 94008	ITT CANNON
311P10-9S-B-15	SCBM11WF20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-9S-C-12	DAM-11W1S-NMC-K52	QRN 94008	ITT CANNON
311P10-9S-C-15	DAM-11W1S-NMC-K52	QRN 94008	ITT CANNON
311P10-10P-B-12	DBM-5W5P-NMB-K52	QRN 94008	ITT CANNON
311P10-10P-B-12	SCBM5W5M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-10P-B-15	DBM-5W5P-NMB-K52	QRN 94008	ITT CANNON
311P10-10P-B-15	SCBM5W5M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-10P-C-12	DBM-5W5P-NMC-K52	QRN 94008	ITT CANNON
311P10-10P-C-12	SCBM5W5M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-10P-C-15	DBM-5W5P-NMC-K52	QRN 94008	ITT CANNON
311P10-10P-C-15	SCBM5W5M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-10S-B-12	DBM-5W5S-NMB-K52	QRN 94008	ITT CANNON

GSFC S-311-P-10, Connector, Electrical, Rectangular, Miniature, Polarized Shell, Rack and Panel, For Space Flight Use			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
311P10-10S-B-12	SCBM5WF0000G-1082.24 SCBM5WS0000G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P10-10S-B-15	DBM-5W5S-NMB-K52	QRN 94008	ITT CANNON
311P10-10S-B-15	SCBM5W5F00200G-1082.24 SCBM5W5S00200G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P10-10S-C-12	DBM-5W5S-NMC-K52	QRN 94008	ITT CANNON
311P10-10S-C-12	SCBM5W5F0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-10S-C-15	DBM-5W5S-NMC-K52	QRN 94008	ITT CANNON
311P10-10S-C-15	SCBM5W5F00200G-1082.24 SCBM5W5S00200G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P10-11P-B-12	DBM-9W4P-NMB-K52	QRN 94008	ITT CANNON
311P10-11P-B-12	SCBM9W4M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-11P-B-15	DBM-9W4P-NMB-K52	QRN 94008	ITT CANNON
311P10-11P-B-15	SCBM9W4M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-11P-C-12	DBM-9W4P-NMC-K52	QRN 94008	ITT CANNON
311P10-11P-C-15	DBM-9W4P-NMC-K52	QRN 94008	ITT CANNON
311P10-11S-B-12	DBM-9W4S-NMB-K52	QRN 94008	ITT CANNON
311P10-11S-B-12	SCBM9W4F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-11S-B-15	DBM-9W4S-NMB-K52	QRN 94008	ITT CANNON
311P10-11S-B-15	SCBM9W4F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-11S-C-12	DBM-9W4S-NMC-K52	QRN 94008	ITT CANNON
311P10-11S-C-15	DBM-9W4S-NMC-K52	QRN 94008	ITT CANNON
311P10-12P-B-12	DBM-13W3P-NMB-K52	QRN 94008	ITT CANNON
311P10-12P-B-12	SCBM13W3M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-12P-B-15	DBM-13W3P-NMB-K52	QRN 94008	ITT CANNON
311P10-12P-B-15	SCBM13W3M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-12P-C-12	DBM-13W3P-NMC-K52	QRN 94008	ITT CANNON
311P10-12P-C-12	SCBM9W4M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-12P-C-15	DBM-13W3P-NMC-K52	QRN 94008	ITT CANNON
311P10-12P-C-15	SCBM9W4M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-12S-B-12	DBM-13W3S-NMB-K52	QRN 94008	ITT CANNON
311P10-12S-B-12	SCBM13W3F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-12S-B-15	DBM-13W3S-NMB-K52	QRN 94008	ITT CANNON
311P10-12S-B-15	SCBM13W3F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-12S-C-12	DBM-13W3S-NMC-K52	QRN 94008	ITT CANNON
311P10-12S-C-12	SCBM13W3F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-12S-C-15	DBM-13W3S-NMC-K52	QRN 94008	ITT CANNON
311P10-12S-C-15	SCBM13W3F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES

GSFC S-311-P-10, Connector, Electrical, Rectangular, Miniature, Polarized Shell, Rack and Panel, For Space Flight Use			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
311P10-13P-B-12	DBM-17W2P-NMB-K52	QRN 94008	ITT CANNON
311P10-13P-B-12	SCBM17W2M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-13P-B-15	DBM-17W2P-NMB-K52	QRN 94008	ITT CANNON
311P10-13P-B-15	SCBM17W2M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-13P-C-12	DBM-17W3P-NMC-K52	QRN 94008	ITT CANNON
311P10-13P-C-12	SCBM17W2M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-13P-C-15	DBM-17W2P-NMC-K52	QRN 94008	ITT CANNON
311P10-13P-C-15	SCBM17W2M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-13S-B-12	DBM-17W2S-NMB-K52	QRN 94008	ITT CANNON
311P10-13S-B-12	SCBM17W2F000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-13S-B-15	DBM-17W2S-NMB-K52	QRN 94008	ITT CANNON
311P10-13S-B-15	SCBM17W2F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-13S-C-12	DBM-13W3S-NMC-K52	QRN 94008	ITT CANNON
311P10-13S-C-12	SCBM17W2F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-13S-C-15	DBM-17W2S-NMC-K52	QRN 94008	ITT CANNON
311P10-13S-C-15	SCBM17W2F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-14P-B-12	DBM-21W1P-NMB-K52	QRN 94008	ITT CANNON
311P10-14P-B-12	SCBM21W1M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-14P-B-15	DBM-21W1P-NMB-K52	QRN 94008	ITT CANNON
311P10-14P-B-15	SCBM21W1M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-14P-C-12	DBM-21W1P-NMC-K52	QRN 94008	ITT CANNON
311P10-14P-C-12	SCBM21W1M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-14P-C-15	DBM-21W1P-NMC-K52	QRN 94008	ITT CANNON
311P10-14P-C-15	SCBM21W1M20200/G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-14S-B-12	DBM-21W1S-NMB-K52	QRN 94008	ITT CANNON
311P10-14S-B-12	SCBM21W1F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-14S-B-15	DBM-21W1S-NMB-K52	QRN 94008	ITT CANNON
311P10-14S-B-15	SCBM21W1F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-14S-C-12	DBM-21W1S-NMC-K52	QRN 94008	ITT CANNON
311P10-14S-C-12	SCBM21W1F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-14S-C-15	DBM-21W1S-NMC-K52	QRN 94008	ITT CANNON
311P10-14S-C-15	SCBM21W1F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-15P-B-12	DCM-8W8P-NMB-K52	QRN 94008	ITT CANNON
311P10-15P-B-12	SCBM8W8M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES

GSFC S-311-P-10, Connector, Electrical, Rectangular, Miniature, Polarized Shell, Rack and Panel, For Space Flight Use			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
311P10-15P-B-15	DCM-8W8P-NMB-K52	QRN 94008	ITT CANNON
311P10-15P-B-15	SCBM8W8M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-15P-C-12	DCM-8W8P-NMC-K52	QRN 94008	ITT CANNON
311P10-15P-C-12	SCBM8WM0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-15P-C-15	DCM-8W8P-NMC-K52	QRN 94008	ITT CANNON
311P10-15P-C-15	SCBM8W8M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-15S-B-12	DCM-8W8S-NMB-K52	QRN 94008	ITT CANNON
311P10-15S-B-12	SCBM8W8F0000G-1082.24 SCBM8W8S0000G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P10-15S-B-15	DCM-8W8S-NMB-K52	QRN 94008	ITT CANNON
311P10-15S-B-15	SCBM8W8F00200G-1082.24 SCBM8W8S00200G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P10-15S-C-12	DCM-8W8S-NMC-K52	QRN 94008	ITT CANNON
311P10-15S-C-12	SCBM1W1F0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-15S-C-15	DCM-8W8S-NMC-K52	QRN 94008	ITT CANNON
311P10-15S-C-15	SCBM8W8F00200G-1082.24 SCBM8W8S00200G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P10-16P-B-12	DCM-13W6P-NMB-K52	QRN 94008	ITT CANNON
311P10-16P-B-12	SCBM13W6M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-16P-B-15	DCM-13W6P-NMB-K52	QRN 94008	ITT CANNON
311P10-16P-B-15	SCBM13W6M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-16P-C-12	DCM-13W6P-NMC-K52	QRN 94008	ITT CANNON
311P10-16P-C-12	SCBM13W6M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-16P-C-15	DCM-13W6P-NMC-K52	QRN 94008	ITT CANNON
311P10-16P-C-15	SCBM13W6M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-16S-B-12	DCM-13W6S-NMB-K52	QRN 94008	ITT CANNON
311P10-16S-B-12	SCBM13W6F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-16S-B-15	DCM-13W6S-NMB-K52	QRN 94008	ITT CANNON
311P10-16S-B-15	SCBM13W6F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-16S-C-12	DCM-13W6S-NMC-K52	QRN 94008	ITT CANNON
311P10-16S-C-12	SCBM13W6F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-16S-C-15	DCM-13W6S-NMC-K52	QRN 94008	ITT CANNON
311P10-16S-C-15	SCBM13W6F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-17P-B-12	DCM-17W5P-NMB-K52	QRN 94008	ITT CANNON
311P10-17P-B-12	SCBM17W5M2000G-1082.24g	QRN 94007	POSITRONIC INDUSTRIES
311P10-17P-B-15	DCM-17W5P-NMB-K52	QRN 94008	ITT CANNON
311P10-17P-B-15	SCBM17W5M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES

GSFC S-311-P-10, Connector, Electrical, Rectangular, Miniature, Polarized Shell, Rack and Panel, For Space Flight Use			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
311P10-17P-C-12	DCM-17W5P-NMC-K52	QRN 94008	ITT CANNON
311P10-17P-C-12	SCBM17W5M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-17P-C-15	DCM-17W5P-NMC-K52	QRN 94008	ITT CANNON
311P10-17P-C-15	SCBM17W5M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-17S-B-12	DCM-17W5S-NMB-K52	QRN 94008	ITT CANNON
311P10-17S-B-12	SCBM17W5F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-17S-B-15	DCM-17W5S-NMB-K52	QRN 94008	ITT CANNON
311P10-17S-B-15	SCBM17W5F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-17S-C-12	DCM-17W5S-NMC-K52	QRN 94008	ITT CANNON
311P10-17S-C-12	SCBM17W5F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-17S-C-15	DCM-17W5S-NMC-K52	QRN 94008	ITT CANNON
311P10-17S-C-15	SCBM17W5F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-18P-B-12	DCM-21WA4P-NMB-K52	QRN 94008	ITT CANNON
311P10-18P-B-12	SCBM21WA4M200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-18P-B-15	DCM-21WA4P-NMB-K52	QRN 94008	ITT CANNON
311P10-18P-B-15	SCBM21WA4M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-18P-C-12	DCM-21WA4P-NMC-K52	QRN 94008	ITT CANNON
311P10-18P-C-12	SCBM21WA4M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-18P-C-15	DCM-21WA4P-NMC-K52	QRN 94008	ITT CANNON
311P10-18P-C-15	SCBM21WA4M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-18S-B-12	DCM-21WA4S-NMB-K52	QRN 94008	ITT CANNON
311P10-18S-B-12	SCBM21WA4F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-18S-B-15	DCM-21WA4S-NMB-K52	QRN 94008	ITT CANNON
311P10-18S-B-15	SCBM21WA4F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-18S-C-12	DCM-21WA4S-NMC-K52	QRN 94008	ITT CANNON
311P10-18S-C-12	SCBM21WA4F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-18S-C-15	DCM-21WA4S-NMC-K52	QRN 94008	ITT CANNON
311P10-18S-C-15	SCBM21WA4F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-20P-B-12	DCM-25W3P-NMB-K52	QRN 94008	ITT CANNON
311P10-20P-B-12	SCBM25W3M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-20P-B-15	DCM-25W3P-NMB-K52	QRN 94008	ITT CANNON
311P10-20P-B-15	SCBM25W3M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-20P-C-12	DCM-25W3P-NMC-K52	QRN 94008	ITT CANNON
311P10-20P-C-12	SCBM-25W3M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-20P-C-15	DCM-25W3P-NMC-K52	QRN 94008	ITT CANNON
311P10-20P-C-15	SCBM25W3M2020G-1082.24	QRN 94007	POSITRONIC INDUSTRIES

GSFC S-311-P-10, Connector, Electrical, Rectangular, Miniature, Polarized Shell, Rack and Panel, For Space Flight Use			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
311P10-20S-B-12	DCM-25W3S-NMB-K52	QRN 94008	ITT CANNON
311P10-20S-B-12	SCBM25W3F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-20S-B-15	DCM-25W3S-NMB-K52	QRN 94008	ITT CANNON
311P10-20S-B-15	SCBM25W3F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-20S-C-12	DCM-25W3S-NMC-K52	QRN 94008	ITT CANNON
311P10-20S-C-12	SCBM25W3F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-20S-C-15	DCM-25W3S-NMC-K52	QRN 94008	ITT CANNON
311P10-20S-C-15	SCBM25W3F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-21P-B-12	DCM-27W2P-NMB-K52	QRN 94008	ITT CANNON
311P10-21P-B-12	SCBM27W2M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-21P-B-15	DCM-27W2P-NMB-K52	QRN 94008	ITT CANNON
311P10-21P-B-15	SCBM27W2M10200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-21P-C-12	DCM-27W2P-NMC-K52	QRN 94008	ITT CANNON
311P10-21P-C-12	SCBM27W2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-21P-C-15	DCM-27W2P-NMC-K52	QRN 94008	ITT CANNON
311P10-21P-C-15	SCBM27W2M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-21S-B-12	DCM-27W2S-NMB-K52	QRN 94008	ITT CANNON
311P10-21S-B-12	SCBM27W2F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-21S-B-15	DCM-27W2S-NMB-K52	QRN 94008	ITT CANNON
311P10-21S-B-15	SCBM27W2F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-21S-C-12	DCM-25W3S-NMC-K52	QRN 94008	ITT CANNON
311P10-21S-C-12	SCBM27WF2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-21S-C-15	DCM-27W2S-NMC-K52	QRN 94008	ITT CANNON
311P10-21S-C-15	SCBM27W2M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-22P-B-12	DDM-24W7P-NMB-K52	QRN 94008	ITT CANNON
311P10-22P-B-12	SCBM24W7M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-22P-B-15	DDM-24W7P-NMB-K52	QRN 94008	ITT CANNON
311P10-22P-B-15	SCBM24W7M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-22P-C-12	DDM-24W6S-NMC-K52	QRN 94008	ITT CANNON
311P10-22P-C-12	SCBM24W7M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-22P-C-15	DDM-24W6S-NMC-K52	QRN 94008	ITT CANNON
311P10-22P-C-15	SCBM24W7M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-22S-B-12	DDM-24W7S-NMB-K52	QRN 94008	ITT CANNON
311P10-22S-B-12	SCBM24W7F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-22S-B-15	DDM-24W7S-NMB-K52	QRN 94008	ITT CANNON
311P10-22S-B-15	SCBM24W7F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES

GSFC S-311-P-10, Connector, Electrical, Rectangular, Miniature, Polarized Shell, Rack and Panel, For Space Flight Use			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
311P10-22S-C-12	DDM-24W7S-NMC-K52	QRN 94008	ITT CANNON
311P10-22S-C-12	SCBM24W7F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-22S-C-15	DDM-24W7P-NMC-K52	QRN 94008	ITT CANNON
311P10-22S-C-15	SCBM24W7F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-23P-B-12	DDM-36W4P-NMB-K52	QRN 94008	ITT CANNON
311P10-23P-B-12	SCBM36W4M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-23P-B-15	DDM-36W4P-NMB-K52	QRN 94008	ITT CANNON
311P10-23P-B-15	SCBM36W4M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-23P-C-12	DDM-36W4S-NMC-K52	QRN 94008	ITT CANNON
311P10-23P-C-12	SCBM36W4M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-23P-C-15	DDM-36W4S-NMC-K52	QRN 94008	ITT CANNON
311P10-23P-C-15	SCBM36W4M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-23S-B-12	DDM-36W4S-NMB-K52	QRN 94008	ITT CANNON
311P10-23S-B-12	SCBM36W4F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-23S-B-15	DDM-36W4S-NMB-K52	QRN 94008	ITT CANNON
311P10-23S-B-15	SCBM36W4F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-23S-C-12	DDM-36W4S-NMC-K52	QRN 94008	ITT CANNON
311P10-23S-C-12	SCBM36W4F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-23S-C-15	DDM-36W4S-NMC-K52	QRN 94008	ITT CANNON
311P10-23S-C-15	SCBM36W4F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-24P-B-12	DDM-43W2P-NMB-K52	QRN 94008	ITT CANNON
311P10-24P-B-12	SCBM43W2M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-24P-B-15	DDM-43W2P-NMB-K52	QRN 94008	ITT CANNON
311P10-24P-B-15	SCBM43W2M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-24P-C-12	DDM-43W2S-NMC-K52	QRN 94008	ITT CANNON
311P10-24P-C-12	SCBM43W2F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-24P-C-15	DDM-43W2S-NMC-K52	QRN 94008	ITT CANNON
311P10-24P-C-15	SCBM43W2M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-24S-B-12	DDM-43W2S-NMB-K52	QRN 94008	ITT CANNON
311P10-24S-B-12	SCBM43W2F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-24S-B-15	DDM-43W2S-NMB-K52	QRN 94008	ITT CANNON
311P10-24S-B-15	SCBM47W1M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-24S-C-12	DDM-43W2S-NMC-K52	QRN 94008	ITT CANNON
311P10-24S-C-12	SCBM43W2F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-24S-C-15	DDM-43W2S-NMC-K52	QRN 94008	ITT CANNON
311P10-24S-C-15	SCBM43W2F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES

GSFC S-311-P-10, Connector, Electrical, Rectangular, Miniature, Polarized Shell, Rack and Panel, For Space Flight Use			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
311P10-25P-B-12	DDM-47W1P-NMB-K52	QRN 94008	ITT CANNON
311P10-25P-B-12	SCBM471M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-25P-B-15	DDM-47W1P-NMB-K52	QRN 94008	ITT CANNON
311P10-25P-B-15	SCBM47W1F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-25P-C-12	DDM-47W1P-NMC-K52	QRN 94008	ITT CANNON
311P10-25P-C-12	SCBM47W1M2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-25P-C-15	DDM-47W1P-NMC-K52	QRN 94008	ITT CANNON
311P10-25P-C-15	SCBM47W1M20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-25S-B-12	DDM-47W1S-NMB-K52	QRN 94008	ITT CANNON
311P10-25S-B-12	SCBM47W1F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-25S-B-15	DDM-47W1S-NMC-K52	QRN 94008	ITT CANNON
311P10-25S-B-15	SCBM47W1F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-25S-C-12	DDM-47W1S-NMC-K52	QRN 94008	ITT CANNON
311P10-25S-C-12	SCBM47W1F2000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-25S-C-15	DDM-47W1S-NMC-K52	QRN 94008	ITT CANNON
311P10-25S-C-15	SCBM47W1F20200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P10-29-B-12	DAM-15P-NMB-K52	QRN 94008	ITT CANNON

1/ "Parts with either the split tine socket construction (i.e., "F" designator) or Posiband™ napkin spring construction (i.e., "S" designator) are both qualified. However, for future procurements of these items, Positronic is discontinuing use of split tine sockets in favor of Posiband™ sockets only."

GSFC S-311-P-4/05, Connector, Electrical, Rectangular, Subminiature, Polarized Shell, Detailed Specification For Space Flight Use			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
311P405-6P-B-12	SCBC5W1M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-6P-B-15	SCBC5W1M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-6S-B-12	SCBC5W1F0000G-1082.24 SCBC5W1S0000G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P405-6S-B-15	SCBC5W1F00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-7P-B-12	SCBM3W3M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-7P-B-12	448153-2	QRN 94005	TE CONNECTIVITY
311P405-7P-B-15	SCBM3W3M00200G-1082-24	QRN 94007	POSITRONIC INDUSTRIES
311P405-7P-B-15	448153-3	QRN 94005	TE CONNECTIVITY
311P405-7S-B-12	SCBM3W3F0000G-1082.24 SCBM3W3S0000G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P405-7S-B-12	445705-2	QRN 94005	TE CONNECTIVITY
311P405-7S-B-15	SCBM3W3F00200G-1082.24 SCBM3W3S00200G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P405-7S-B-15	445705-3	QRN 94005	TE CONNECTIVITY
311P405-8P-B-12	SCBC7W2M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-8P-B-12	448154-2	QRN 94005	TE CONNECTIVITY
311P405-8P-B-15	SCBC7W2M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-8P-B-15	448154-3	QRN 94005	TE CONNECTIVITY
311P405-8S-B-12	SCBC7W2F000G-1082.24 SCBC7W2S000G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P405-8S-B-15	SCBC7W2F00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-9P-B-12	DAA11W1PNMB-K52	QRN 94008	ITT CANNON
311P405-9P-B-12	SCBC11W1M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-9P-B-12	211111-2	QRN 94005	TE CONNECTIVITY
311P405-9P-B-15	SCBC11W1M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-9P-B-15	211111-3	QRN 94005	TE CONNECTIVITY
311P405-9S-B-12	DAA11W1SNMB-K52	QRN 94008	ITT CANNON
311P405-9S-B-12	SCBC11W1F0000G-1082.24 SCBC11W1S0000G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P405-9S-B-12	211112-2	QRN 94005	TE CONNECTIVITY
311P405-9S-B-15	SCBC11W1F00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-9S-B-15	211112-3	QRN 94005	TE CONNECTIVITY
311P405-10P-B-12	DAM5W5PNMBK47	Q24308-040609	ITT CANNON
311P405-10P-B-12	SCBM5W5M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES

GSFC S-311-P-4/05, Connector, Electrical, Rectangular, Subminiature, Polarized Shell, Detailed Specification For Space Flight Use			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
311P405-10P-B-12	212491-6	QRN 94005	TE CONNECTIVITY
311P405-10P-B-15	SCBM5W5M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-10P-B-15	212491-7	QRN 94005	TE CONNECTIVITY
311P405-10S-B-12	DAM5W5SNMBK47	Q24308-040609	ITT CANNON
311P405-10S-B-12	SCBM5W5F0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-10S-B-12	SCBM5W5F000G-1082.24 SCBM5W5S000G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P405-10S-B-12	212059-2	QRN 94005	TE CONNECTIVITY
311P405-10S-B-15	SCBM5W5F00200G-1082.24 SCBM5W5S00200G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P405-10S-B-15	SCBM5W5F00200G-1082.24 SCBM5W5S00200G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P405-10S-B-15	212059-06	QRN 94005	TE CONNECTIVITY
311P405-11P-B-12	DAM9W4PNMB-K52	Q24308-040609	ITT CANNON
311P405-11P-B-12	SCBC9W4M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-11P-B-12	212498-2	QRN 94005	TE CONNECTIVITY
311P405-11P-B-15	SCBC9W4M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-11P-B-15	212498-3	QRN 94005	TE CONNECTIVITY
311P405-11S-B-12	SCBC9W4F0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-11S-B-12	212502-2	QRN 94005	TE CONNECTIVITY
311P405-11S-B-15	SCBC9W400200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-11S-B-15	212502-3	QRN 94005	TE CONNECTIVITY
311P405-12P-B-12	DBA13W3PNMB-K52	QRN 94008	ITT CANNON
311P405-12P-B-12	SCBC13W3M0000G-1082-24	QRN 94007	POSITRONIC INDUSTRIES
311P405-12P-B-12	208810-3	QRN 94005	TE CONNECTIVITY
311P405-12P-B-15	SCBC13W3M00200G-1082-24	QRN 94007	POSITRONIC INDUSTRIES
311P405-12P-B-15	208810-4	QRN 94005	TE CONNECTIVITY
311P405-12S-B-12	DBA13W3SNMB-K52	QRN 94008	ITT CANNON
311P405-12S-B-12	SCBC13W3F0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-12S-B-12	208811-3	QRN 94005	TE CONNECTIVITY
311P405-12S-B-15	SCBC13W3F00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-12S-B-15	208811-4	QRN 94005	TE CONNECTIVITY
311P405-13P-B-12	DBMA-17W2P-NMB-K52	QRN 94008	ITT CANNON
311P405-13P-B-12	SCBC17W2M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-13P-B-12	212506-2	QRN 94005	TE CONNECTIVITY
311P405-13P-B-15	SCBC17W2M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES

GSFC S-311-P-4/05, Connector, Electrical, Rectangular, Subminiature, Polarized Shell, Detailed Specification For Space Flight Use			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
311P405-13P-B-15	212506-4	QRN 94005	TE CONNECTIVITY
311P405-13S-B-12	DBMA-17W2S-NMB-K52	QRN 94008	ITT CANNON
311P405-13S-B-12	SCBC17W2F0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-13S-B-12	212510-2	QRN 94005	TE CONNECTIVITY
311P405-13S-B-15	SCBC17W2F00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-13S-B-15	212510-3	QRN 94005	TE CONNECTIVITY
311P405-14P-B-12	DCA21W1PNMB-K52	Q24308-040609	ITT CANNON
311P405-14P-B-12	SCBC21W1M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-14P-B-12	212522-3	QRN 94005	TE CONNECTIVITY
311P405-14P-B-15	SCBC21W1M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-14P-B-15	212522-4	QRN 94005	TE CONNECTIVITY
311P405-14S-B-12	SCBC21W1F0000G-1082.24 SCBC21W1S0000G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P405-14S-B-12	212526-3	QRN 94005	TE CONNECTIVITY
311P405-14S-B-15	SCBC21W1F00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-14S-B-15	212526-4	QRN 94005	TE CONNECTIVITY
311P405-15P-B-12	DCM8W8PNMB-K52	Q24308-040609	ITT CANNON
311P405-15P-B-12	SCBM8W8M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-15P-B-12	446405-2	QRN 94005	TE CONNECTIVITY
311P405-15P-B-15	SCBM8W8M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-15P-B-15	446405-3	QRN 94005	TE CONNECTIVITY
311P405-15S-B-12	DCM8W8SNMB-K52	Q24308-040609	ITT CANNON
311P405-15S-B-12	SCBM8W8F0000G-1082.24 SCBM8W8S0000G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P405-15S-B-12	445730-3	QRN 94005	TE CONNECTIVITY
311P405-15S-B-15	SCBM8W8F00200G-1082.24 SCBM8W8S00200G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P405-15S-B-15	445730-4	QRN 94005	TE CONNECTIVITY
311P405-16P-B-12	SCBC13W6M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-16P-B-15	SCBC13W6M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-16S-B-12	SCBC13W6F0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-16S-B-15	SCBC13W6400200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-17P-B-12	SCBC17W5M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-17P-B-12	212514-3	QRN 94005	TE CONNECTIVITY
311P405-17P-B-15	SCBC17W5M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES

GSFC S-311-P-4/05, Connector, Electrical, Rectangular, Subminiature, Polarized Shell, Detailed Specification For Space Flight Use			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
311P405-17P-B-15	212514-4	QRN 94005	TE CONNECTIVITY
311P405-17S-B-12	SCBC17W5F0000G-1082-24	QRN 94007	POSITRONIC INDUSTRIES
311P405-17S-B-12	212518-3	QRN 94005	TE CONNECTIVITY
311P405-17S-B-15	SCBC17W5F00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-17S-B-15	212518-4	QRN 94005	TE CONNECTIVITY
311P405-18P-B-12	DCA21W1PNMB-K52	Q24308-040609	ITT CANNON
311P405-18P-B-12	SCBC21WA4M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-18P-B-12	212530-2	QRN 94005	TE CONNECTIVITY
311P405-18P-B-15	SCBC21WAFM00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-18P-B-15	212530-3	QRN 94005	TE CONNECTIVITY
311P405-18S-B-12	DCA21WA1SNMB-K52	Q24308-040609	ITT CANNON
311P405-18S-B-12	SCBC21WA4F0000G-1082.24 SCBC21WA4S0000G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P405-18S-B-12	212534-2	QRN 94005	TE CONNECTIVITY
311P405-18S-B-15	SCBC21WA4F00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-18S-B-15	212534-3	QRN 94005	TE CONNECTIVITY
311P405-20P-B-12	SCBC25W3M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-20P-B-12	208742-2	QRN 94005	TE CONNECTIVITY
311P405-20P-B-15	SCBC25W3M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-20P-B-15	208742-3	QRN 94005	TE CONNECTIVITY
311P405-20S-B-12	SCBC25W3F0000G-1082.24 SCBC25W3S0000G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P405-20S-B-12	208551-2	QRN 94005	TE CONNECTIVITY
311P405-20S-B-15	SCBC25W3F00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-20S-B-15	208551-3	QRN 94005	TE CONNECTIVITY
311P405-21P-B-12	SCBC27W2M000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-21P-B-12	212538-2	QRN 94005	TE CONNECTIVITY
311P405-21P-B-15	SCBC27W2M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-21P-B-15	212538-3	QRN 94005	TE CONNECTIVITY
311P405-21S-B-12	SCBC27W2F0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-21S-B-12	212542-2	QRN 94005	TE CONNECTIVITY
311P405-21S-B-15	SCBC27W2F00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-21S-B-15	212542-3	QRN 94005	TE CONNECTIVITY
311P405-22P-B-12	SCBC24W7M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES

GSFC S-311-P-4/05, Connector, Electrical, Rectangular, Subminiature, Polarized Shell, Detailed Specification For Space Flight Use			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
311P405-22P-B-12	208743-2	QRN 94005	TE CONNECTIVITY
311P405-22P-B-15	SCBC25W7M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-22P-B-15	208743-6	QRN 94005	TE CONNECTIVITY
311P405-22S-B-12	SCBC244W7F0000G-1082.24 SCBC244W7S0000G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P405-22S-B-12	208552-2	QRN 94005	TE CONNECTIVITY
311P405-22S-B-15	SCBC24W7F00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-22S-B-15	208552-3	QRN 94005	TE CONNECTIVITY
311P405-23P-B-12	SCBC36W4M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-23P-B-12	207644-3	QRN 94005	TE CONNECTIVITY
311P405-23P-B-15	SCBC36W4M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-23P-B-15	207644-4	QRN 94005	TE CONNECTIVITY
311P405-23S-B-12	SCBC36W4M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-23S-B-12	208550-2	QRN 94005	TE CONNECTIVITY
311P405-23S-B-15	SCBC36W4F0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-23S-B-15	208550-3	QRN 94005	TE CONNECTIVITY
311P405-24P-B-12	SCBC43W2M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-24P-B-15	SCBC43W2M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-24S-B-12	DDA43W2SNMB-K52	Q24308-040609	ITT CANNON
311P405-24S-B-12	SCBC47W1F0000G-1082.24 SCBC47W1S0000G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P405-24S-B-15	SCBC43W2F00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-25P-B-12	SCBC47W1M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-25P-B-15	SCBC47W1M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P405-25S-B-12	SCBC47W1F0000G-1082.24 SCBC47W1S0000G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P405-25S-B-15	SCBC47W1F00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES

1/ "Parts with either the split tine socket construction (i.e., "F" designator) or Posiband™ napkin spring construction (i.e., "S" designator) are both qualified. However, for future procurements of these items, Positronic is discontinuing use of split tine sockets in favor of Posiband™ sockets only."

GSFC S-311-P-4/06, Connector, Electrical, Coaxial, and High Voltage For Electrical Connectors			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
GCP1	DM53740-17	QRN 94008	ITT CANNON
GCP1	Not Assigned	QRN 93003	TE CONNECTIVITY
GCP2	DM53740-15	QRN 94008	ITT CANNON
GCP2	Not Assigned	QRN 93003	TE CONNECTIVITY
GCP3	DM53740-16	QRN 94008	ITT CANNON
GCP3	Not Assigned	QRN 93003	TE CONNECTIVITY
GCP4	DM53740-18	QRN 94008	ITT CANNON
GCP4	Not Assigned	QRN 93003	TE CONNECTIVITY
GCRO2	Not Assigned	QRN 93003	TE CONNECTIVITY
GCRP1	DM53741-12	QRN 94008	ITT CANNON
GCRP1	Not Assigned	QRN 93003	TE CONNECTIVITY
GCRP2	DM53741-11	QRN 94008	ITT CANNON
GCRP3	DM53741-10	QRN 94008	ITT CANNON
GCRP3	Not Assigned	QRN 93003	TE CONNECTIVITY
GCRP4	DM53741-13	QRN 94008	ITT CANNON
GCRP4	Not Assigned	QRN 93003	TE CONNECTIVITY
GCS1	DM53742-18	QRN 94008	ITT CANNON
GCS1	Not Assigned	QRN 93003	TE CONNECTIVITY
GCS2	DM53742-16	QRN 94008	ITT CANNON
GCS2	Not Assigned	QRN 93003	TE CONNECTIVITY
GCS3	DM53742-17	QRN 94008	ITT CANNON
GCS3	Not Assigned	QRN 93003	TE CONNECTIVITY
GCS4	DM53742-19	QRN 94008	ITT CANNON
GCS4	Not Assigned	QRN 93003	TE CONNECTIVITY
GCSR1	DM43743-18	QRN 94008	ITT CANNON
GCSR1	Not Assigned	QRN 93003	TE CONNECTIVITY
GCSR2	DM43743-16	QRN 94008	ITT CANNON
GCSR2	Not Assigned	QRN 93003	TE CONNECTIVITY
GCSR3	DM43743-17	QRN 94008	ITT CANNON
GCSR3	Not Assigned	QRN 93003	TE CONNECTIVITY
GCSR4	DM43743-19	QRN 94008	ITT CANNON
GCSR4	Not Assigned	QRN 93003	TE CONNECTIVITY
GHP6	DM51157-8	QRN 94008	ITT CANNON
GHP6	Not Assigned	QRN 93003	TE CONNECTIVITY
GHRP6	DM51157-5005	QRN 94008	ITT CANNON

GSFC S-311-P-4/06, Connector, Electrical, Coaxial, and High Voltage For Electrical Connectors			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
GHRP6	Not Assigned	QRN 93003	TE CONNECTIVITY
GHRS6	DM51155-5004	QRN 94008	ITT CANNON
GHRS6	Not Assigned	QRN 93003	TE CONNECTIVITY
GHS6	DM51155-7	QRN 94008	ITT CANNON
GHS6	Not Assigned	QRN 93003	TE CONNECTIVITY

GSFC S-311-P-4/07, Connector, Electrical, Rectangular, Subminiature, Rack and Panel, Detailed Specification For Space Flight Use			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
311P407-1P-B-12	SDD15M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P407-1P-B-12	863515PNMBL	QRN 93004	SOURIAU, AN EATON COMPANY
311P407-1P-B-12	206498-4	CTL5066-027	TE CONNECTIVITY
311P407-1P-B-12	DEMA15PNMBK47FO	Q24308-040609	ITT CANNON
311P407-1P-B-12	C115368-2320	24308-3535-12	C&K CONNECT
311P407-1P-B-15	SDD15M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P407-1P-B-15	206498-1	CTL5066-027	TE CONNECTIVITY
311P407-1S-B-12	SDD15F0000G-1082.24 SDD15S0000G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P407-1S-B-12	863515SNMBL	QRN 93004	SOURIAU, AN EATON COMPANY
311P407-1S-B-12	206499-4	CTL5066-027	TE CONNECTIVITY
311P407-1S-B-12	DEMA15SNMBK47FO	Q24308-040609	ITT CANNON
311P407-1S-B-12	C115368-2321	24308-3535-12	C&K CONNECT
311P407-1S-B-15	SDD15F00200G-1082.24 SDD15S00200G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P407-1S-B-15	206499-1	CTL5066-027	TE CONNECTIVITY
311P407-2P-B-12	SDD26M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P407-2P-B-12	863526PNMBL	QRN 93004	SOURIAU, AN EATON COMPANY
311P407-2P-B-12	206500-4	CTL5066-027	TE CONNECTIVITY
311P407-2P-B-12	DAMA26PNMBK47FO	Q24308-040609	ITT CANNON
311P407-2P-B-12	C115368-2322	24308-3535-12	C&K CONNECT
311P407-2P-B-15	SDD26M00200G-1082-24	QRN 94007	POSITRONIC INDUSTRIES
311P407-2P-B-15	206500-1	CTL5066-027	TE CONNECTIVITY
311P407-2S-B-12	SDD26F0000G-1082.24 SDD26S0000G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P407-2S-B-12	863526SNMBL	QRN 93004	SOURIAU, AN EATON COMPANY
311P407-2S-B-12	206501-4	CTL5066-027	TE CONNECTIVITY
311P407-2S-B-12	DAMA26SNMBK47FO	Q24308-040609	ITT CANNON
311P407-2S-B-12	C115368-2323	24308-3535-12	C&K CONNECT
311P407-2S-B-15	SDD26F00200G-1082.24 SDD26S00200G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES

GSFC S-311-P-4/07, Connector, Electrical, Rectangular, Subminiature, Rack and Panel, Detailed Specification For Space Flight Use			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
311P407-2S-B-15	206501-1	CTL5066-027	TE CONNECTIVITY
311P407-3P-B-12	SDD44M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P407-3P-B-12	863544PNMBL	QRN 93004	SOURIAU, AN EATON COMPANY
311P407-3P-B-12	206063-4	CTL5066-027	TE CONNECTIVITY
311P407-3P-B-12	DBMA44PNMBK47FO	Q24308-040609	ITT CANNON
311P407-3P-B-12	C115368-2324	24308-3535-12	C&K CONNECT
311P407-3P-B-15	SDD44M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P407-3P-B-15	206063-2	CTL5066-027	TE CONNECTIVITY
311P407-3S-B-12	SDD44F0000G-1082.24 SDD44S0000G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P407-3S-B-12	863544SNMBL	QRN 93004	SOURIAU, AN EATON COMPANY
311P407-3S-B-12	DBMA44SNMBK47FO	Q24308-040609	ITT CANNON
311P407-3S-B-12	206064-4	CTL5066-027	TE CONNECTIVITY
311P407-3S-B-12	C115368-2325	24308-3535-12	C&K CONNECT
311P407-3S-B-15	SDD44F00200G-1082.24 SDD44S00200G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P407-3S-B-15	206064-2	CTL5066-027	TE CONNECTIVITY
311P407-4P-B-12	SDD62M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P407-4P-B-12	863562PNMBL	QRN 93004	SOURIAU, AN EATON COMPANY
311P407-4P-B-12	206502-4	CTL5066-027	TE CONNECTIVITY
311P407-4P-B-12	DCMA62PNMBK47FO	Q24308-040609	ITT CANNON
311P407-4P-B-12	C115368-2326	24308-3535-12	C&K CONNECT
311P407-4P-B-15	SDD62M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P407-4P-B-15	206502-1	CTL5066-027	TE CONNECTIVITY
311P407-4S-B-12	SDD62F0000G-1082.24 SDD62S0000G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P407-4S-B-12	863562SNMBL	QRN 93004	SOURIAU, AN EATON COMPANY
311P407-4S-B-12	206503-4	CTL5066-027	TE CONNECTIVITY
311P407-4S-B-12	DCMA62SNMBK47FO	Q24308-040609	ITT CANNON
311P407-4S-B-12	C115368-2327	24308-3535-12	C&K CONNECT
311P407-4S-B-15	SDD62F00200G-1082.24 SDD62S00200G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P407-4S-B-15	206503-1	CTL5066-027	TE CONNECTIVITY
311P407-5P-B-12	SDD78M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P407-5P-B-12	863578PNMBL	QRN 93004	SOURIAU, AN EATON COMPANY
311P407-5P-B-12	206504-4	CTL5066-027	TE CONNECTIVITY
311P407-5P-B-12	DDMA78PNMBK47FO	Q24308-040609	ITT CANNON
311P407-5P-B-12	C115368-2328	24308-3535-12	C&K CONNECT

GSFC S-311-P-4/07, Connector, Electrical, Rectangular, Subminiature, Rack and Panel, Detailed Specification For Space Flight Use			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
311P407-5P-B-15	SDD78M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P407-5P-B-15	206504-1	CTL5066-027	TE CONNECTIVITY
311P407-5S-B-12	SDD78F0000G-1082.24 SDD78S0000G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P407-5S-B-12	863578SNMBL	QRN 93004	SOURIAU, AN EATON COMPANY
311P407-5S-B-12	206505-4	CTL5066-027	TE CONNECTIVITY
311P407-5S-B-12	DDMA78SNMBK47FO	Q24308-040609	ITT CANNON
311P407-5S-B-12	C115368-2329	24308-3535-12	C&K CONNECT
311P407-5S-B-15	SDD78F00200G-1082.24 SDD78S00200G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P407-5S-B-15	206505-1	CTL5066-027	TE CONNECTIVITY
311P407-6P-B-12	SND104M00G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P407-6P-B-12	TBD	QRN 93004	SOURIAU, AN EATON COMPANY
311P407-6P-B-12	206066-4	CTL5066-027	TE CONNECTIVITY
311P407-6P-B-15	SDD104M0020G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P407-6P-B-15	206066-2	CTL5066-027	TE CONNECTIVITY
311P407-6S-B-12	SDD104F000G-1082.24 SDD104S000G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P407-6S-B-12	TBD	QRN 93004	SOURIAU, AN EATON COMPANY
311P407-6S-B-12	206065-4	CTL5066-027	TE CONNECTIVITY
311P407-6S-B-15	SDD104F0020G-1082.24 SDD104S0020G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P407-6S-B-15	206065-2	CTL5066-027	TE CONNECTIVITY

1/ "Parts with either the split tine socket construction (i.e., "F" designator) or Posiband™ napkin spring construction (i.e., "S" designator) are both qualified. However, for future procurements of these items, Positronic is discontinuing use of split tine sockets in favor of Posiband™ sockets only."

GSFC S-311-P-4/08, Connector, Electrical, Power, Crimp Style, Rear Removable, Size 22D			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
G08P1	030-2042-002	QRN 94008	ITT CANNON
G08P1	MC8022D-50-1202.4	QRN 94007	POSITRONIC INDUSTRIES
G08P1	340100507B	QRN 93004	SOURIAU, AN EATON COMPANY
G08P1	204370-8	CTL5064-058	TE CONNECTIVITY
G08S1	032-1147-002	QRN 94008	ITT CANNON
G08S1	FC8022D-50-1202.4	QRN 94007	POSITRONIC INDUSTRIES
G08S1	340100508B	QRN 93004	SOURIAU, AN EATON COMPANY
G08S1	206071-1	CTL5064-058	TE CONNECTIVITY
G08S2	FC8022M2-GSFC	00434621.AA	POSITRONIC INDUSTRIES

GSFC S-311-P-4/09, Connector, Electrical, Polarized Shell, Rack and Panel, For Space Flight Use			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
311P409-1P-B-12	DEMA9PNMBK47FO	Q24308-040609	ITT CANNON
311P409-1P-B-12	SND9M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P409-1P-B-12	863009PNMBL	QRN 93004	SOURIAU, AN EATON COMPANY
311P409-1P-B-12	207252-2	CTL5066-027	TE CONNECTIVITY
311P409-1P-B-12	C115370-1500	24308-3535-12	C&K CONNECT
311P409-1P-B-15	SND9M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P409-1P-B-15	207252-1	CTL5066-027	TE CONNECTIVITY
311P409-1S-B-12	DEMA9SNMBK47FO	QRN 94008	ITT CANNON
311P409-1S-B-12	SND9F0000G-1082.24 SND9S0000G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P409-1S-B-12	863009SNMBL	QRN 93004	SOURIAU, AN EATON COMPANY
311P409-1S-B-12	207253-2	CTL5066-027	TE CONNECTIVITY
311P409-1S-B-12	C115370-1501	24308-3535-12	C&K CONNECT
311P409-1S-B-15	SND9F00200G-1082.24 SND9S00200G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P409-1S-B-15	207253-1	CTL5066-027	TE CONNECTIVITY
311P409-29-B-12	SND15M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P409-2P-B-12	DAMA15PNMBK47FO	QRN 94008	ITT CANNON
311P409-2P-B-12	863015PNMBL	QRN 93004	SOURIAU, AN EATON COMPANY
311P409-2P-B-12	206798-2	CTL5066-027	TE CONNECTIVITY
311P409-2P-B-12	C115370-1502	24308-3535-12	C&K CONNECT
311P409-2P-B-15	SND15M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P409-2P-B-15	206798-1	CTL5066-027	TE CONNECTIVITY
311P409-2S-B-12	DAMA15SNMBK47FO	QRN 94008	ITT CANNON
311P409-2S-B-12	SND15F0000G-1082.24 SND15S0000G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P409-2S-B-12	863015SNMBL	QRN 93004	SOURIAU, AN EATON COMPANY
311P409-2S-B-12	206799-2	CTL5066-027	TE CONNECTIVITY
311P409-2S-B-12	C115370-1503	24308-3535-12	C&K CONNECT
311P409-2S-B-15	SND15F00200G-1082.24 SND15S00200G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P409-2S-B-15	206799-1	CTL5066-027	TE CONNECTIVITY
311P409-3P-B-12	DBMA25PNMBK47FO	QRN 94008	ITT CANNON
311P409-3P-B-12	SND25M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P409-3P-B-12	863025PNMBL	QRN 93004	SOURIAU, AN EATON COMPANY
311P409-3P-B-12	206800-2	CTL5066-027	TE CONNECTIVITY
311P409-3P-B-12	C115370-1504	24308-3535-12	C&K CONNECT
311P409-3P-B-15	SND25M00200G-1082.24	QRN94007	SOURIAU, AN EATON COMPANY

GSFC S-311-P-4/09, Connector, Electrical, Polarized Shell, Rack and Panel, For Space Flight Use			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
311P409-3P-B-15	206800-1	CTL5066-027	TE CONNECTIVITY
311P409-3S-B-12	DBMA25SNMBK47FO	QRN 94008	ITT CANNON
311P409-3S-B-12	SND25F0000G-1082-24 SND25S0000G-1082-24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P409-3S-B-12	863025SNMBL	QRN 93004	SOURIAU, AN EATON COMPANY
311P409-3S-B-12	206801-2	CTL5066-027	TE CONNECTIVITY
311P409-3S-B-12	C115370-1505	24308-3535-12	C&K CONNECT
311P409-3S-B-15	SND25F00200G-1082.24 SND25S00200G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P409-3S-B-15	206801-1	CTL5066-027	TE CONNECTIVITY
311P409-4P-B-12	DCMA37NMBK47FO	QRN 94008	ITT CANNON
311P409-4P-B-12	SND37M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P409-4P-B-12	863037PNMBL	QRN 93004	SOURIAU, AN EATON COMPANY
311P409-4P-B-12	206802-2	CTL5066-027	TE CONNECTIVITY
311P409-4P-B-12	C115370-1506	24308-3535-12	C&K CONNECT
311P409-4P-B-15	SND37M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P409-4P-B-15	206802-1	CTL5066-027	TE CONNECTIVITY
311P409-4S-B-12	DCMA37SNMBK47FO	QRN 94008	ITT CANNON
311P409-4S-B-12	SND37F0000G-1082.24 SND37S0000G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P409-4S-B-12	863037SNMBL	QRN 93004	SOURIAU, AN EATON COMPANY
311P409-4S-B-12	206803-2	CTL5066-027	TE CONNECTIVITY
311P409-4S-B-12	C115370-1507	24308-3535-12	C&K CONNECT
311P409-4S-B-15	SND37F00200G-1082.24 SND37S00200G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P409-4S-B-15	206803-1	CTL5066-027	TE CONNECTIVITY
311P409-5P-B-12	DDMA50PNMBK47FO	QRN 94008	ITT CANNON
311P409-5P-B-12	SND50M0000G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P409-5P-B-12	863050PNMBL	QRN 93004	SOURIAU, AN EATON COMPANY
311P409-5P-B-12	206804-2	CTL5066-027	TE CONNECTIVITY
311P409-5P-B-12	C115370-1508	24308-3535-12	C&K CONNECT
311P409-5P-B-15	SND50M00200G-1082.24	QRN 94007	POSITRONIC INDUSTRIES
311P409-5P-B-15	206804-1	CTL5066-027	TE CONNECTIVITY
311P409-5S-B-12	DDMA50SNMBK47FO	QRN 94008	ITT CANNON

GSFC S-311-P-4/09, Connector, Electrical, Polarized Shell, Rack and Panel, For Space Flight Use			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
311P409-5S-B-12	SND50F0000G-1082.24 SND50S0000G-1082.24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P409-5S-B-12	863050SNMBL	QRN 93004	SOURIAU, AN EATON COMPANY
311P409-5S-B-12	206805-2	CTL5066-027	TE CONNECTIVITY
311P409-5S-B-12	C115370-1509	24308-3535-12	C&K CONNECT
311P409-5S-B-15	SND50F00200G-1082-24 SND50S00200G-1082-24 1/	QRN 94007	POSITRONIC INDUSTRIES
311P409-5S-B-15	206805-1	CTL5066-027	TE CONNECTIVITY

/1 "Parts with either the split tine socket construction (i.e., "F" designator) or Posiband™ napkin spring construction (i.e., "S" designator) are both qualified. However, for future procurements of these items, Positronic is discontinuing use of split tine sockets in favor of Posiband™ sockets only."

GSFC S-311-P-4/10, Contacts, Electrical, Crimp Style, Size 20			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
G10P1	330-5291-037	QRN 94008	ITT CANNON
G10P1	MC6020D-50-1202.4	QRN 94007	POSITRONIC INDUSTRIES
G10P1	340100501B	QRN 93004	SOURIAU, AN EATON COMPANY
G10P1	205089-4	CTL5064-057	TE CONNECTIVITY
G10S1	031-1007-052	QRN 94008	ITT CANNON
G10S1	FC6020D-50-1202.4	QRN 94007	POSITRONIC INDUSTRIES
G10S1	340100502B	QRN 93004	SOURIAU, AN EATON COMPANY
G10S1	206793-1	CTL5064-057	TE CONNECTIVITY
G10S2	FC6020M2-GSFC	00434621.AA	POSITRONIC INDUSTRIES

GSFC S-311-P-768, Connector, Electrical, Miniature, Circular, Low Outgassing [Amphenol(453) suffix],General Specification			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
JT****-**-***(453)	JT SERIES	QRN 94003	AMPHENOL AEROSPACE
LJT****-**-***(453)	LJT SERIES	QRN 94003	AMPHENOL AEROSPACE
PTS**DR***-****(453)	PTS-DR SERIES	QRN 94003	AMPHENOL AEROSPACE
TV****-**-***(453)	TV SERIES	QRN 94003	AMPHENOL SEROSPACE

GSFC S-311-P-822, Connectors, PWB,2 mm cPCITM Style, High Reliability			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
311P822 MC-110-AG-D4	Not available	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822 MC-110-AS-D4	822 MC-110-AS-D4-S12-14-8G	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822 MC-110-BG-D4	Not available	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822 MC-110-BS-D4	822 MC-110-BS-D4-S12-14-8G	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-BPF	T-2066	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-DCF	T-2082	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-FA-095-B	822-FA-095-B	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-FA-110-A	822-FA-110-A	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-FA-110-B	822-FA-110-B	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-FC-095-BG-D	822-FC-095-BG-D-S2-14-8G	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-FC-095-BG-D2	822-FC-095-BG-D2-S2-14-8G	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-FC-095-BG-D4	822-FC-095-BG-D4-S2-14-8G	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-FC-095-BS-D	822-FC-095-BS-D-S12-14-8G	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-FC-095-BS-D2	822-FC-095-BS-D2-S12-14-8G	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-FC-095-BS-D4	822-FC-095-BS-D4-S12-14-8G	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-FC-110-AG-D	822-FC-110-AG-D-S2-14-8G	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-FC-110-AG-D2	822-FC-110-AG-D2-S2-14-8G	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-FC-110-AG-D4	822-FC-110-AG-D4-S2-14-8G	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-FC-110-AS-D	822-FC-110-AS-D-S12-14-8G	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-FC-110-AS-D2	822-FC-110-AS-D2-S12-14-8G	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-FC-110-AS-D4	822-FC-110-AS-D4-S12-14-8G	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-FC-110-BG-D	822-FC-110-BG-D-S2-14-8G	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-FC-110-BG-D2	822-FC-110-BG-D2-S2-14-8G	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-FC-110-BG-D4	822-FC-110-BG-D4-S2-14-8G	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-FC-110-BS-D	822-FC-110-BS-D-S12-14-8G	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-FC-110-BS-D2	822-FC-110-BS-D2-S12-14-8G	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-FC-110-BS-D4	822-FC-110-BS-D4-S12-14-8G	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-FFA-095-B	822-FFA-095-B	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-FFA-110-A	822-FFA-110-A	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-FFA-110-B	822-FFA-110-B	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-FK-01	ZK2000-001-01	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-FK-03	ZK2000-001-03	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-FK-04	ZK2000-001-04	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-FK-05	ZK2000-001-05	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-FK-07	ZK2000-001-07	204287	SMITHS (FORMERLY HYPERTRONICS)

GSFC S-311-P-822, Connectors, PWB,2 mm cPCITM Style, High Reliability			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
311P822-FK-08	ZK2000-001-08	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-FK-14	ZK2000-001-14	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-FK-16	ZK2000-001-16	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-FK-19	ZK2000-001-19	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-FK-21	ZK2000-001-21	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-FK-22	ZK2000-001-22	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-FK-25	ZK2000-001-25	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-FK-27	ZK2000-001-27	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-FK-29	ZK2000-001-29	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-FK-31	ZK2000-001-31	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-FK-33	ZK2000-001-33	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-FK-35	ZK2000-001-35	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-FK-37	ZK2000-001-37	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-FK-59	ZK2000-001-59	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-FK-61	ZK2000-001-61	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-FK-69	ZK2000-001-69	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-MA-095-B	822-MA-095-B	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-MA-110-A	822-MA-110-A	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-MA-110-B	822-MA-110-B	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-MC-095-BG-D	Not available	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-MC-095-BG-D4	Not available	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-MC-095-BS-D	822-MC-095-BS-D-S12-14-8G	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-MC-095-BS-D4	822-MC-095-BS-D4-S12-14-8G	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-MC-110-AG-D	Not available	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-MC-110-AS-D	822-MC-110-AS-D-S12-14-8G	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-MC-110-BG-D	Not available	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-MC-110-BS-D	822-MC-110-BS-D-S12-14-8G	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-MK-01	ZK2000-002-01	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-MK-03	ZK2000-002-03	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-MK-04	ZK2000-002-04	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-MK-05	ZK2000-002-05	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-MK-07	ZK2000-002-07	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-MK-08	ZK2000-002-08	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-MK-14	ZK2000-002-14	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-MK-16	ZK2000-002-16	204287	SMITHS (FORMERLY HYPERTRONICS)

GSFC S-311-P-822, Connectors, PWB,2 mm cPCITM Style, High Reliability			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
311P822-MK-19	ZK2000-002-19	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-MK-21	ZK2000-002-21	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-MK-22	ZK2000-002-22	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-MK-25	ZK2000-002-25	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-MK-27	ZK2000-002-27	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-MK-29	ZK2000-002-29	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-MK-31	ZK2000-002-31	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-MK-33	ZK2000-002-33	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-MK-35	ZK2000-002-35	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-MK-37	ZK2000-002-37	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-MK-59	ZK2000-002-59	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-MK-61	ZK2000-002-61	204287	SMITHS (FORMERLY HYPERTRONICS)
311P822-MK-69	ZK2000-002-69	204287	SMITHS (FORMERLY HYPERTRONICS)

5.3 RELAYS

GSFC S-311-P-754/01 Relays, Electromagnetic, Hermetically Sealed, 2PDT (2C), Latching, Low Level to 1 Ampere (TO-5 Enclosure)			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
G311P754/01-001	J422-6WM	QPDSIS-39016	TELEDYNE RELAYS
G311P754/01-002	J422-9WM	QPDSIS-39016	TELEDYNE RELAYS
G311P754/01-003	J422-12WM	QPDSIS-39016	TELEDYNE RELAYS
G311P754/01-004	J422-18WM	QPDSIS-39016	TELEDYNE RELAYS
G311P754/01-005	J422-26WM	QPDSIS-39016	TELEDYNE RELAYS

GSFC S-311-P-754/02, Relays, Electromagnetic, Hermetically Sealed, 2PDT (2C), Latching, Low Level to 1 Ampere, Internal Diode for Coil Transients (TO-5 Enclosure)			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
G311P754/02-001	J422D5WM	QPDSIS-39016	TELEDYNE RELAYS
G311P754/02-002	J422D6WM	QPDSIS-39016	TELEDYNE RELAYS
G311P754/02-003	J422D9WM	QPDSIS-39016	TELEDYNE RELAYS
G311P754/02-004	J422D12WM	QPDSIS-39016	TELEDYNE RELAYS
G311P754/02-005	J422D18WM	QPDSIS-39016	TELEDYNE RELAYS
G311P754/02-006	J422D26WM	QPDSIS-39016	TELEDYNE RELAYS

GSFC S-311-P-754/03, Relays, Electromagnetic, Hermetically Sealed, 2PDT (2C), Latching, Low Level to 1 Ampere (TO-5 Enclosure)			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
G311P754/03-001	J412-6WM	QPDSIS-39016	TELEDYNE RELAYS
G311P754/03-001	To be assigned	QPDSIS-39016	TE CONNECTIVITY- CII
G311P754/03-002	J412-9WM	QPDSIS-39016	TELEDYNE RELAYS
G311P754/03-002	To be assigned	QPDSIS-39016	TE CONNECTIVITY– CII
G311P754/03-003	J412-12WM	QPDSIS-39016	TELEDYNE RELAYS
G311P754/03-003	To be assigned	QPDSIS-39016	TE CONNECTIVITY– CII
G311P754/03-004	J412-18WM	QPDSIS-39016	TELEDYNE RELAYS
G311P754/03-004	To be assigned	QPDSIS-39016	TE CONNECTIVITY– CII
G311P754/03-005	J412-26WM	QPDSIS-39016	TELEDYNE RELAYS
G311P754/03-005	To be assigned	QPDSIS-39016	TE CONNECTIVITY– CII

GSFC S-311-P-754/04, Relays, Electromagnetic, Hermetically Sealed, 2PDT (2C), Low Level to 1 Ampere, Internal Diode for Coil Transients, (TO-5 Enclosure)			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
G311P754/04-001	J412D-6M	QPDSIS-39016	TELEDYNE RELAYS
G311P754/04-001	MACD-8027	QPDSIS-39016	TE CONNECTIVITY- CII
G311P754/04-002	J412D-9M	QPDSIS-39016	TELEDYNE RELAYS
G311P754/04-002	To be assigned	QPDSIS-39016	TE CONNECTIVITY– CII
G311P754/04-003	J412D-12M	QPDSIS-39016	TELEDYNE RELAYS
G311P754/04-003	To be assigned	QPDSIS-39016	TE CONNECTIVITY– CII
G311P754/04-004	J412D-18M	QPDSIS-39016	TELEDYNE RELAYS
G311P754/04-004	To be assigned	QPDSIS-39016	TE CONNECTIVITY– CII
G311P754/04-005	J412D-26M	QPDSIS-39016	TELEDYNE RELAYS
G311P754/04-005	To be assigned	QPDSIS-39016	TE CONNECTIVITY– CII

GSFC S-311-P-754/06, Relays, Electromagnetic, Hermetically Sealed, 2PDT (2C), Permanent Magnet Drive, 10 Ampere, All Welded			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
G311P754/06-001	BR246-320B2-28V-023M	QPDSIS-83536	MICROCHIP (FORMERLY BABCOCK)
G311P754/06-001	E2100403ATM	QPDSIS-83536	DEUTSCH RELAYS
G311P754/06-001	J-D2A-300M	QPDSIS-83536	LEACH INTERNATIONAL
G311P754/06-002	BR246-320A2-28V-024M	QPDSIS-83536	MICROCHIP (FORMERLY BABCOCK)
G311P754/06-002	E2100403BGM	QPDSIS-83536	DEUTSCH RELAYS
G311P754/06-002	J-D4A-300M	QPDSIS-83536	LEACH INTERNATIONAL

GSFC S-311-P-754/07, Relays, Electromagnetic, Hermetically Sealed, 2PDT (2C), Low Level to 2 Amperes (0.150 inch Terminal Spacing)			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
G311P754/07-001	To be assigned	QPDSIS-39016	TE CONNECTIVITY– CII
G311P754/07-002	To be assigned	QPDSIS-39016	TE CONNECTIVITY– CII
G311P754/07-003	To be assigned	QPDSIS-39016	TE CONNECTIVITY– CII
G311P754/07-056	3SBC2203A2		TE CONNECTIVITY– CII

GSFC S-311-P-754/08, Relays, Electromagnetic, Hermetically Sealed, 4PDT (4C), Latching, Low Level to 2 Amperes (0.150 inch Terminal Spacing)			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
G311P754/08-001	To be assigned	QPDSIS-39016	TE CONNECTIVITY- CII
G311P754/08-002	3SBM1264A2	QPDSIS-39016	TE CONNECTIVITY– CII
G311P754/08-003	3SBM1246A2	QPDSIS-39016	TE CONNECTIVITY– CII

GSFC S-311-P-754/09, Relays, Electromagnetic, Hermetically Sealed, 4PDT (4C), Low Level to 2 Amperes (0.150 inch Terminal Spacing)			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
G311P754/09-001	BR150-28C1-6V-005M	QPDSIS-39016	MICROCHIP (FORMERLY BABCOCK)
G311P754/09-002	BR150-116C1-12V-007M	QPDSIS-39016	MICROCHIP (FORMERLY BABCOCK)
G311P754/09-003	BR150-720C1-26V-002M	QPDSIS-39016	MICROCHIP (FORMERLY BABCOCK)
G311P754/09-001	To be assigned	QPDSIS-39016	TE CONNECTIVITY– CII
G311P754/09-002	To be assigned	QPDSIS-39016	TE CONNECTIVITY– CII
G311P754/09-003	3SBH1347A2	QPDSIS-39016	TE CONNECTIVITY– CII

GSFC S-311-P-754/10, Relays, Electromagnetic, Hermetically Sealed, 4PDT (4C), Permanent Magnet Drive, 10 Amperes, All Welded			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
G311P754/10-001	BR230-290B2-28V-021M	QPDSIS-83536	MICROCHIP (FORMERLY BABCOCK)
G311P754/10-001	E4100402ATM	QPDSIS-83536	DEUTSCH RELAYS
G311P754/10-001	K-D2A-300M	QPDSIS-83536	LEACH INTERNATIONAL
G311P754/10-002	BR230-290A2-28V-022M	QPDSIS-83536	MICROCHIP (FORMERLY BABCOCK)
G311P754/10-002	E4100402BGM	QPDSIS-83536	DEUTSCH RELAYS
G311P754/10-002	K-D4A-300M	QPDSIS-83536	LEACH INTERNATIONAL

GSFC S-311-P-754/11, Relays, Electromagnetic, Hermetically Sealed, 3PDT (3C), Latching, 25 Amperes, All Welded			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
G311P754/11-001	BR236-450B2-28V-1	QPDSIS-6106	MICROCHIP (FORMERLY BABCOCK)
G311P754/11-001	EL3250402AT	QPDSIS-6106	DEUTSCH RELAYS
G311P754/11-001	KCL-D2A-002	QPDSIS-6106	LEACH INTERNATIONAL
G311P754/11-002	BR236-450A2-28V-1	QPDSIS-6106	MICROCHIP (FORMERLY BABCOCK)
G311P754/11-002	EL3250402BG	QPDSIS-6106	DEUTSCH RELAYS
G311P754/11-002	KCL-D4A-002	QPDSIS-6106	LEACH INTERNATIONAL

5.4 RESISTORS

GSFC S-311-P-672 Resistor, Fixed, High Voltage (Victoreen Mini-Mox)			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
G311P672-1-*****	MO* 400*****	QRN 92003	OHMITE
G311P672-2-*****	MO* 750*****	QRN 92003	OHMITE
G311P673-3-*****	MO* 1125*****	QRN 92003	OHMITE

GSFC S-311-P-683 Resistor, Fixed, Precision High Voltage (Caddock Type MG and HG)			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
G311P683-650*****	MG650-*****-***	QRN 92004	CADDOCK ELECTRONICS
G311P683-655*****	MG655-*****-***	QRN 92004	CADDOCK ELECTRONICS
G311P683-660*****	MG660-*****-***	QRN 92004	CADDOCK ELECTRONICS
G311P683-680*****	MG680-*****-***	QRN 92004	CADDOCK ELECTRONICS
G311P683-710*****	MG710-*****-***	QRN 92004	CADDOCK ELECTRONICS
G311P683-714*****	MG714-*****-***	QRN 92004	CADDOCK ELECTRONICS
G311P683-715*****	MG715-*****-***	QRN 92004	CADDOCK ELECTRONICS
G311P683-716*****	MG716-*****-***	SR04-0405	CADDOCK ELECTRONICS
G311P683-720*****	MG720-*****-***	QRN 92004	CADDOCK ELECTRONICS
G311P683-721*****	MG721-*****-***	QRN 92004	CADDOCK ELECTRONICS
G311P683-725*****	MG725-*****-***	QRN 92004	CADDOCK ELECTRONICS
G311P683-730*****	MG730-*****-***	QRN 92004	CADDOCK ELECTRONICS
G311P683-750*****	MG750-*****-***	SR04-0405	CADDOCK ELECTRONICS
G311P683-780*****	MG780-*****-***	QRN 92004	CADDOCK ELECTRONICS

GSFC S-311-P-741 Resistor, Fixed, Low TC, Precision, High Voltage (Caddock Type TG)			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
G311P741-931****F	TG931-***-1%	SR04-0405	CADDOCK ELECTRONICS
G311P741-950****F	TG950-****-1%	QRN 92002	CADDOCK ELECTRONICS
G311P741-950****G	TG950-****-2%	QRN 92002	CADDOCK ELECTRONICS
G311P741-980****F	TG980-****-1%	SR04-0405	CADDOCK ELECTRONICS

5.5 THERMISTORS

GSFC S-311-P-18, Thermistor, (Thermally Sensitive Resistor), Insulated and Uninsulated, Negative TC			
Procurement PIN 2/	Manufacturer Similar PIN	Test Report	Manufacturer
311P18-01A***	MEAS44901A***	MIL-PRF-23648	TE SENSORS (2) (3) 3/
311P18-01A***	311P18-01A***	MIL-PRF-23648	QTI
311P18-01S***	MEAS44901S***	MIL-PRF-23648	TE SENSORS (2) (3) 3/
311P18-01S***	311P18-01S***	MIL-PRF-23648	QTI
311P18-01T*** 1/	MEAS44901T*** 1/	MIL-PRF-23648	TE SENSORS (2) (3) 3/
311P18-01T***	311P18-01T***	MIL-PRF-23648	QTI
311P18-02A***	MEAS44902A***	MIL-PRF-23648	TE SENSORS (2) (3) 3/
311P18-02A***	311P18-02A***	MIL-PRF-23648	QTI
311P18-02S***	MEAS44902S***	MIL-PRF-23648	TE SENSORS (2) (3) 3/
311P18-02S***	311P18-02S***	MIL-PRF-23648	QTI
311P18-02T*** 1/	MEAS44902T*** 1/	MIL-PRF-23648	TE SENSORS (2) (3) 3/
311P18-02T***	311P18-02T***	MIL-PRF-23648	QTI
311P18-03A***	MEAS44903A***	MIL-PRF-23648	TE SENSORS (2) (3) 3/
311P18-03A***	311P18-03A***	MIL-PRF-23648	QTI
311P18-03S***	MEAS44903S***	MIL-PRF-23648	TE SENSORS (2) (3) 3/
311P18-03S***	311P18-03S***	MIL-PRF-23648	QTI
311P18-03T*** 1/	MEAS44903T*** 1/	MIL-PRF-23648	TE SENSORS (2) (3) 3/
311P18-03T***	311P18-03T***	MIL-PRF-23648	QTI
311P18-04A***	MEAS44904A***	MIL-PRF-23648	TE SENSORS (2) (3) 3/
311P18-04A***	311P18-04A***	MIL-PRF-23648	QTI
311P18-04S***	MEAS44904S***	MIL-PRF-23648	TE SENSORS (2) (3) 3/
311P18-04S***	311P18-04S***	MIL-PRF-23648	QTI
311P18-04T*** 1/	MEAS44904T*** 1/	MIL-PRF-23648	TE SENSORS (2) (3) 3/
311P18-04T***	311P18-04T***	MIL-PRF-23648	QTI
311P18-05A***	MEAS44905A***	MIL-PRF-23648	TE SENSORS (2) (3) 3/
311P18-05A***	311P18-05A***	MIL-PRF-23648	QTI
311P18-05S***	MEAS44905S***	MIL-PRF-23648	TE SENSORS (2) (3) 3/
311P18-05S***	311P18-05S***	MIL-PRF-23648	QTI
311P18-05T*** 1/	MEAS44905T*** 1/	MIL-PRF-23648	TE SENSORS (2) (3) 3/
311P18-05T***	311P18-05T***	MIL-PRF-23648	QTI

GSFC S-311-P-18, Thermistor, (Thermally Sensitive Resistor), Insulated and Uninsulated, Negative TC			
Procurement PIN 2/	Manufacturer Similar PIN	Test Report	Manufacturer
311P18-06A***	MEAS44906A***	MIL-PRF-23648	TE SENSORS (2) (3) 3/
311P18-06A***	311P18-06A***	MIL-PRF-23648	QTI
311P18-06S***	MEAS44906S***	MIL-PRF-23648	TE SENSORS (2) (3) 3/
311P18-06S***	311P18-06S***	MIL-PRF-23648	QTI
311P18-06T*** 1/	MEAS44906T*** 1/	MIL-PRF-23648	TE SENSORS (2) (3) 3/
311P18-06T***	311P18-06T***	MIL-PRF-23648	QTI
311P18-07A***	MEAS44907A***	MIL-PRF-23648	TE SENSORS (2) (3) 3/
311P18-07A***	311P18-07A***	MIL-PRF-23648	QTI
311P18-07S***	MEAS44907S***	MIL-PRF-23648	TE SENSORS (2) (3) 3/
311P18-07S***	311P18-07S***	MIL-PRF-23648	QTI
311P18-07T*** 1/	MEAS44907T*** 1/	MIL-PRF-23648	TE SENSORS (2) (3) 3/
311P18-07T***	311P18-07T***	MIL-PRF-23648	QTI
311P18-08A***	MEAS44908A***	MIL-PRF-23648	TE SENSORS (2) (3) 3/
311P18-08A***	311P18-08A***	MIL-PRF-23648	QTI
311P18-08S***	MEAS44908S***	MIL-PRF-23648	TE SENSORS (2) (3) 3/
311P18-08S***	311P18-08S***	MIL-PRF-23648	QTI
311P18-08T*** 1/	MEAS44908T*** 1/	MIL-PRF-23648	TE SENSORS (2) (3) 3/
311P18-08T***	311P18-08T***	MIL-PRF-23648	QTI
311P18-09A***	MEAS44909A***	MIL-PRF-23648	TE SENSORS (2) (3) 3/
311P18-09S***	MEAS44909S***	MIL-PRF-23648	TE SENSORS (2) (3) 3/
311P18-09T*** 1/	MEAS44909T*** 1/	MIL-PRF-23648	TE SENSORS (2) (3) 3/
311P18-10A***	MEAS44910E***	MIL-PRF-23648	TE SENSORS (2) (3) 3/
311P18-10S***	MEAS44910S***	MIL-PRF-23648	TE SENSORS (2) (3) 3/
311P18-10T*** 1/	MEAS44910T*** 1/	MIL-PRF-23648	TE SENSORS (2) (3) 3/

Note:
1/ Parts with Lot Date Codes prior to Jul 15, 2011 are not preferred for flight use. Wire has been changed to SAE AS22759/22.
2/ Lead codes “E” and “N” were removed from S-311-P-18 revision M dated 06/20/2024. There are no longer any QPLD sources for these lead codes.
3/ Measurement Specialties, a TE Connectivity Company closed facility (1) Dayton circa 2016 and relocated to facility (2) Andover which also closed in 2024. Facility (2) will remain listed for a period of time to allow shipment of finished goods inventory. TE Sensors facility (3) Hampton became a qualified source in May 2024.

GSFC S-311-P-827,Thermistor, (Thermally Sensitive Resistor), Chip, Negative Temperature Coefficient or Positive Temperature Coefficient			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
311P827-01S5002	QT0805Z-503F	M206280	QTI
311P827-31S2001	QT0805-202F	TRD: 08/10/09	QTI

5.6 THERMOFOIL HEATERS

GSFC S-311-P-079, Thermofoil Heater			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
HK2*****	Custom manufactured to the GSFC specification.	QRN 92005	MINCO PRODUCTS
TBA	Procure per Tayco specification TPS-5010, compliant to GSFC S-311-P-079	TR2008	TAYCO ENGINEERING, INC.
20067, 20068 or TBD – unique per model as agreed with customer.	Custom manufactured and tested to the GSFC specification	PR092962	All Flex Solutions, Inc.

GSFC S-311-P-839, Thermofoil Heater, FEP-Based, Space Applications			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
HK****	Custom manufactured to the GSFC S-311-P-839 specification	IFS 3688116	Minco Products, Inc.

GSFC S-311-P-840, Thermofoil Heater, Acrylic Thermoset, Space Applications			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
HK****	Custom manufactured to the GSFC S-311-P-840 specification	IFS 3541590	Minco Products, Inc.

GSFC S-311-P-841, Thermofoil Heater, All-Polyimide, Space Applications			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
FR******	Custom manufactured to the GSFC S-311-P-841 specification	W.O. 53439	Fralock
HAP******	Custom manufactured to the GSFC S-311-P-841 specification	IFS 2652382	Minco Products, Inc.

5.7 THERMOSTATS

GSFC S-311-641, Thermostats			
Procurement PIN	Manufacturer Similar PIN	Test Report	Manufacturer
G311P641/02**********	M2 Series	QPL-24236-35 1/	SENSATA TECHNOLOGIES INC
G311P641/03**********	700 Series	QPL-24236-35 1/	Honeywell Aerospace
G311P641/04**********	270 Series	QPL-24236-35 1/	Honeywell Aerospace
G311P641/05**********	M1/11041 Series	QPL-24236-35 1/	SENSATA TECHNOLOGIES INC
G311P641/06**********	4BT Series	QPL-24236-35 1/	SENSATA TECHNOLOGIES INC
G311P641/07**********	3BT Series	QPL-24236-35 1/	SENSATA TECHNOLOGIES INC

Note:
1/ In addition to configuration, qualification to the temperature settings and contact action listed in the QPL is required.

6.0 CORPORATE OFFICE LISTING

Manufacturer:	All Flex Solutions, Inc.
Street Address:	1705 Cannon Lane
City, State, Zip Code:	Northfield, MN 55057
Phone:	(612) 999-2998
Email:	rfq@allflexinc.com
CAGE Code:	0ZGB2

Manufacturer:	Amphenol Aerospace (Formerly 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:	Microchip (Formerly Babcock, Inc.)
Street Address:	11861 Western Avenue,
City, State Zip Code:	Garden Grove, CA 92841
Phone:	(714) 898-7112
CAGE Code:	56623

Manufacturer:	Caddock Electronics, Inc
Street Address:	17271 North Umpqua Hwy.
City, State Zip Code:	Roseburg, OR 97470-9422
Phone:	(541) 496-0700
CAGE Code:	19647

Manufacturer:	C&K Connect
Street Address:	2 rue Berthollet
City, State Zip Code:	39100 Dole, France
Phone:	(617) 969-3700
CAGE Code:	FBHV6

Manufacturer:	Deutsch Relays, Inc, a TE Connectivity Company
Street Address:	55 Engineers Road
City, State, Zip Code:	Hauppauge, NY 11788
Phone:	(631) 840-3224
CAGE Code:	99699

Manufacturer:	Fralock
Street Address:	28525 West Industry Drive
City, State, Zip Code:	Valencia, CA 91355
Phone:	(800) 372-5625
CAGE Code:	51846

Manufacturer:	Honeywell Aerospace
Street Address:	15001 N.E. 36th Street P.O. Box 97001
City, State, Zip Code:	Redmond, Washington 98073-9701
Phone:	(425) 885-8226
CAGE Code:	0YFP0

Manufacturer:	ITT Cannon
Street Address:	56 Technology Drive City,
State, Zip Code:	Irvine, CA 92618
Phone:	(800) 854-3028
CAGE Code:	71468

Manufacturer:	Leach International
Street Address:	6900 Orangethorpe Avenue
City, State, Zip Code:	Buena Park, CA 90620-1351
Phone:	(631) 244-1490
CAGE Code:	58657

Manufacturer:	Measurement Specialties Dayton (1)
FACTORY CLOSED:	*No Longer a QPLD Supplier (see Hampton, VA location)*
Street Address:	2670 Indian Ripple Road
City, State, Zip Code:	Dayton, OH 45440, USA
Phone:	(937) 427-1231, (800)747-5367

Manufacturer:	Measurement Specialties Andover (2)
FACTORY CLOSED:	*No Longer a QPLD Supplier (see Hampton, VA location)*
Street Address:	1711 139th Lane NW
City, State, Zip Code:	Andover, MN 55304, USA
Phone:	(763) 689-4870, (800) 899-9783
CAGE Code:	7DHL3

Manufacturer:	Minco Products, Inc.
Street Address:	7300 Commerce Lane
City, State, Zip Code:	Minneapolis, MN 55432-3113
Phone:	(763) 571-3121
Email:	info@minco.com
CAGE Code:	09359

Manufacturer:	Ohmite (Formerly Victoreen, Inc)
Street Address:	27501 Bella Vista Pkwy
City, State, Zip Code:	Warrenville, IL 60555
Phone:	(866) 964-6483, (847) 258-0300
CAGE Code:	44655

Manufacturer:	Positronic Industries, Inc, an Amphenol Company
Street Address:	1325 N Eldon Avenue
City, State, Zip Code:	Springfield, MO 65803-5618
Phone:	(417) 855-2030, (800) 641-4054
CAGE Code:	28198

Manufacturer:	Presidio Components, Inc.
Street Address:	7169 Construction Court
City, State, Zip Code:	San Diego, CA 92121 USA
Phone:	(858) 578-9390, (800) 722-9923
CAGE Code:	60212

Manufacturer:	QTI, a CTS Corporation (Formerly Quality Thermistor, Inc. (QTI))
Street Address:	2108 Century Way
City, State, Zip Code:	Boise, ID 83709
Phone:	(208) 377-3373, (800) 554-4784
Email:	qtisales@thermistor.com , appsupport@thermistor.com
CAGE Code:	56866

Manufacturer:	Sensata Technologies Inc. (Formerly Control Products of Texas Instruments)
Street Address:	529 Pleasant Street
City, State, Zip Code:	Attleboro, MA, 02703 – 2421
Phone:	(508) 236-3528
CAGE Code:	82647

Manufacturer:	Smiths Interconnect (Formerly Hypertronics)
Street Address:	16 Brent Drive
City, State, Zip Code:	Hudson, MA 01749 USA
Phone:	(978) 568-0451, (800) 225-9228
CAGE Code:	50541

Manufacturer:	Souriau, an Eaton Company (Formerly Framatome Connectors, Inc.)
Street Address:	25 Grumbacher Road
City, State, Zip Code:	York, PA, 17406-8417
Phone:	(717) 718-2662
CAGE Code:	F0225

Manufacturer:	Tayco Engineering, Inc.
Street Address:	10874 Hope Street
City, State, Zip Code:	Cypress, CA. 90630
Phone:	(714) 952-2240
CAGE Code:	50422

Manufacturer:	TE Connectivity (Formerly Tyco Electronics/AMP, Inc.)
Street Address:	2901 Fulling Mill Road
City, State, Zip Code:	Middletown, PA 17057-3163, US
Plant Address:	1250 East Main Street, Mt Joy, PA 17522
Phone:	(800) 468-2023
CAGE Code:	00779

Manufacturer:	TE Sensors, a TE Connectivity Company (Formerly Measurement Specialties) (3)
Street Address:	1000 Lucas Way
City, State, Zip Code:	Hampton, VA 23666
Phone:	757-766-1500
CAGE Code:	0ZW31

Manufacturer:	TE Connectivity - CII
Street Address:	P.O. Box 520 1396 Charlotte Highway
City, State, Zip Code:	Fairview, NC 28739
Phone:	(828) 338-1000, (800) 806-0480, (800) 522-6752
CAGE Code:	58614

Manufacturer:	Teledyne Relays
Street Address:	12525 Daphne Avenue
City, State, Zip Code:	Hawthorne, CA 90250
Phone:	(323) 777-0077, (800) 284-7007
CAGE Code:	11532