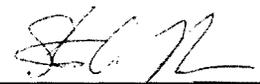
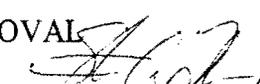
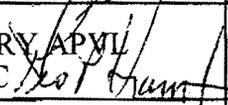


**REVISIONS**

SYMBOL	DESCRIPTION	DATE	APPROVAL
-	INITIAL RELEASE	3/12/92	

**SHEET REVISION STATUS**

SHEET	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
REVISION	--	--	--																	
SHEET	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
REVISION																				

ORIGINATOR S. A. Naus/GSFC 	DATE 3/5/92	FSC: 5935
APPROVED N/A		Connector, Coaxial, Panel Mount, Receptacle, Strip Line, Series SMA
CODE 311 APPROVAL S. A. Naus/GSFC 	3/5/92	
CODE 311 SUPERVISORY APVAL R. L. Chinnapongse/GSFC 	3/10/92	
ADDITIONAL APPROVAL		S-311-P-772

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION  
GODDARD SPACE FLIGHT CENTER  
GREENBELT, MARYLAND 20771

CAGE CODE: 25306

## 1. SCOPE.

1.1 Purpose. This specification delineates the general provisions for a SMA panel mount strip line receptacle for space flight use at Goddard Space Flight Center (GSFC).

1.2 Part Number. The part number being procured to this specification is as follows:

Part number - 2052-1215-00  
Manufacturer - Omni Spectra (CAGE Code - 26805)

## 2. APPLICABLE DOCUMENTS.

2.1 Documents. The following documents, of the issue in effect on the date of invitation for bids or request for proposal, form a part of this specification to the extent specified herein. A later revision of a specification may be used as long as the later revision does not degrade the specification requirements.

### Specifications

MIL-C-83517 Connectors, Coaxial, Radio Frequency, Strip Line

2.2 Order of precedence. In the event of conflict between the text of this specification and the references cited herein, the text of this specification shall take precedence. Nothing in this document, however, supersedes applicable laws and regulations unless a specified exemption has been granted.

## 3. REQUIREMENTS

3.1 General. The connector procured to this specification shall meet the general requirements of MIL-C-85317/4.

3.2 Materials. Materials shall be in accordance with MIL-C-85217/4 (Part number M85317/4-31004), except that the connector body shall be gold plated.

## 4. QUALITY ASSURANCE PROVISIONS

4.1 General. The Quality Assurance Provision of MIL-C-85317 shall be met, except where modified herein. NASA/GSFC reserves the right to perform any of the inspections set forth in the specification where such inspections are deemed necessary to assure supplies and services conform to the prescribed requirements.

4.2 Qualification inspection. The manufacturer shall be listed as an approved source of supply for MIL-C-85317.

4.3 Quality conformance inspection. The QCI requirements of MIL-C-85317, Group A and Group B shall be performed by the manufacturer. A certificate of conformance shall be shipped with the connectors.

## 5. PREPARATION FOR DELIVERY

5.1 Preservation and packaging. Preservation and packaging shall be in accordance with MIL-C-55330. The manufacturer shall be responsible for any damage to or deterioration of connectors and contacts resulting from faulty or improper packing, preservation, or packaging, and shall replace connectors and/or contacts without cost to GSFC or to the procuring activity.

## 6. NOTES

6.1 Outgassing Properties. The silicone rubber o-ring included with this product may not meet outgassing requirements of one percent 1.0% total mass loss (TML) and one-tenth of a percent (0.1%) collected volatile condensable material (CVCM). The end user is responsible to perform appropriate thermal bake-out of o-ring to ensure project outgassing requirements are met.