1. DESCRIPTION,
CONNECTOR, PRECISION, HIGH POWER PSM PLUG,
FOR HUBER-SUHNER Astrolab ASTRO-SEMIRIGID 35000
(PHASE STABLE/LOW LOSS) MICROWAVE COAXIAL CABLE,
CONNECTOR IS LOW OUTBASSING AND MEETS
NASA REQUIREMENTS FOR SPACE APPLICATIONS.

2. MATERIALS AND FINISHES,
BODY, CONTACT, SNAP RING, SOLDER BUSHING AND RETAINING NUT
BERYLLIUM COPPER ALLOY PER ASTM B-196,
UNS No. C17300, TEMPER TD04(H1),
gold plated 100 μin (2.54 μm) MIN. THK.
PER ASTM B-688, CODE C, TYPE II
OVER
30 μin (0.76 μm) MIN. COPPER FLASH.
INTERFACE NUT,
BERYL LIUM COPPER PER ASTM B-197,
UNS No. C17200 TEMPER TD04(H1),
gold plated 50 μin (1.27 μm) MIN. THK.
PER ASTM B-688, CODE C, TYPE II
OVER
30 μin (0.76 μm) MIN. COPPER FLASH.
DIELECTRIC,
POLYtetrafluoroethylene (PTFE) PER ASTM D-1710
OR ASTM D-4894, TYPE I, GRADE 1.
O-RING,
FLUOROSILICONE FILLED WITH SILVER PLATED
ALUMINUM PER MIL-G-83528 TYPE D.

3. ELECTRICAL CHARACTERISTICS:
IMPEDANCE
50.0 Ohms NOMINAL.
FREQUENCY
18 GHz MAX.

4. PSM PLUG INTERFACE IAW HUBER+SUHNER A.G.
PUBLISHED INFORMATION.

5. OPERATING TEMPERATURE RANGE
-55° C TO +125° C