NOTES:

1. DESCRIPTION:
   CONNECTOR, HIGH PRECISION, HIGH POWER, PSM JACK,
   FOR HUBER+SUHNER Astrolab SEMI-RIGID 30141
   (REF. MIL-DEL-17/130)
   RADIO FREQUENCY COAXIAL CABLE.
   CONNECTOR IS LOW OUTGASING AND MEETS
   NASA REQUIREMENTS FOR SPACE APPLICATIONS.

2. MATERIALS AND FINISHES,
   BODY, RETAINING NUT, SOLDER BUSHING AND CONTACT,
   TERYLUM COPPER ALLOY PER ASTM B-196,
   UNS No. C17300, TEMPER T004(H1).
   GOLD PLATED 100 μin (2.5μm) MIN. THK.
   PER ASTM B-488, CODE C, TYPE II.
   OVER COATED 30 μin (0.76 μm) MIN. COPPER FLASH.
   DIELECTRIC,
   POLYTETRAFLUOROETHYLENE (PTFE) PER ASTM D-1710,
   OR ASTM D-4894, TYPE I, GRADE 1.

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

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

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

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UNLESS OTHERWISE SPECIFIED:
CONCENTRICITY 0.004 IN.
CORNERS AND FILLETS 0.005
MAX. RADIUS OR CHAMFER,
SURFACE FINISH 63 RMS
MICRON/cm OR BETTER.

| FRACTIONS | ± 1/16 |
|           | ± 0.30 |
| XX        | ± 0.15 |
| XXX       | ± 0.05 |
| ANGLES    | ± 1°   |

DO NOT SCALE DRAWING