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

2. MATERIALS AND FINISHES,
BODY, RETAINING NUT, SOLDER BUSHING AND CONTACT,
BERYLLIUM COPPER ALLOY PER ASTM B-196,
UNS No. C17300, TEMPER T204/4H,
GOLD PLATED 100 μIN (2.54 μM) MIN. THK.
PER ASTM B-488, 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.

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

NOTES:

NAME | DATE
-----|------
PREP. | AKP | 05/23/17
ELEC. | RF | 05/23/17
MECH. | GSG | 05/23/17
O.C. |

THDS. TO BE IN ACCORD WITH U.S. DEPT. OF COMM. RULE 701, STD. FOR FEDERAL SERVICES 1955 SURV.
TO HANDBOOK H-26.

SCALE | CODE IDENT. | DWG NO.
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4:1 | 16301 | 21_PSM-50-3-1

PSM JACK, FOR H+S Astrolab 35000 SEMIRIGID CABLE

THE DRAWING CONTAINS PATENTABLE AND PROPRIETARY INFORMATION, THE DESIGN CANNOT BE USED WITHOUT
WRITTEN PERMISSION OF HUBER + SUHNER ASTROLAB.

DO NOT SCALE DRAWING