NOTES:

1. DESCRIPTION
   ADAPTOR, PSM JACK TO 3.5mm PLUG

2. MATERIALS AND FINISHES
   BODY AND CENTER CONDUCTOR
   BERYLLIUM COPPER ALLOY PER ASTM B-196,
   UNS No. C17300, TEMPER TD04(H)
   GOLD PLATED 50 µin (1.27 µm) MIN. THK.
   PER ASTM B-488, CODE C, TYPE II, CLASS 1.27
   OVER
   30 µin (0.76 µm) MIN. COPPER FLASH.
   NO NICKEL UNDERPLATE USED.
   NUT,
   STEEL, CORROSION RESISTANT PER ASTM A-582,
   UNS No. 530300, COND. A, NON MAGNETIC.
   GOLD PLATED 50 µin (1.27 µm) MIN. THK.
   PER ASTM B-488, CODE C, TYPE II, CLASS 1.27
   OVER
   30 µin (0.76 µm) MIN. COPPER FLASH.
   NO NICKEL UNDERPLATE USED.
   DIELECTRIC
   POLYTETRAFLUOROETHYLENE (PTFE) PER ASTM D-1710 OR
   ASTM D-4894, TYPE I, GRADE 1.
   RETAINING RING
   BERYLLIUM COPPER, PER ASTM B-197 OR B-441,
   UNS No. C17200 TEMPER TD04(H).

3. ELECTRICAL CHARACTERISTICS:
   IMPEDANCE
   50.0 Ohms NOMINAL.
   FREQUENCY
   18.0 GHz MAX.
   INSERTION LOSS
   0.30 dB MAX.
   VSWR
   1.35:1 MAX.

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

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

NAME | DATE
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PREP. GS | 10/05/15
ELEC. RF | 10/06/15
MECH. GSG | 10/06/15
O.C. |

ADAPTOR, PSM JACK TO 3.5mm PLUG

UNLESS OTHERWISE SPECIFIED
CONCENTRICITY .004, T.I.R.
CORNERS AND FILLETS .005
MAX. RADIUS OR CHAMFER,
SURFACE FINISH .33 RMS
MICRONOGRAPH OR BETTER.

FRACTIONS ± 1/16
XX ± .030
XXX ± .015
XXX ± .005
ANGLES ± 1°

DO NOT SCALE DRAWING

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