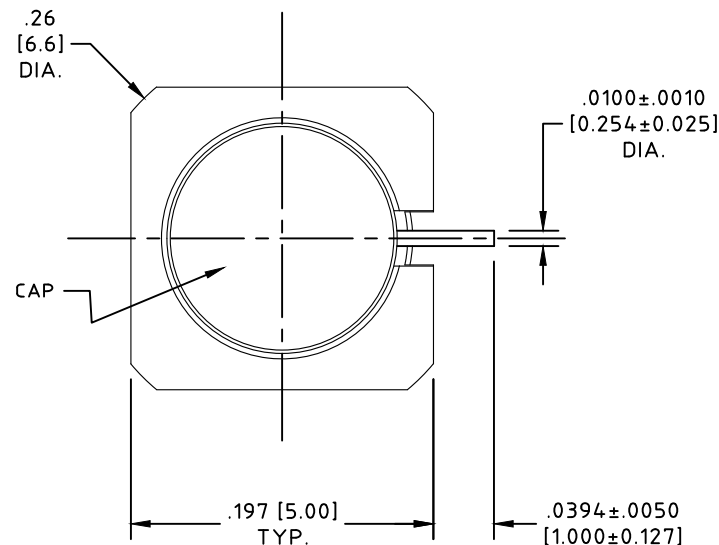
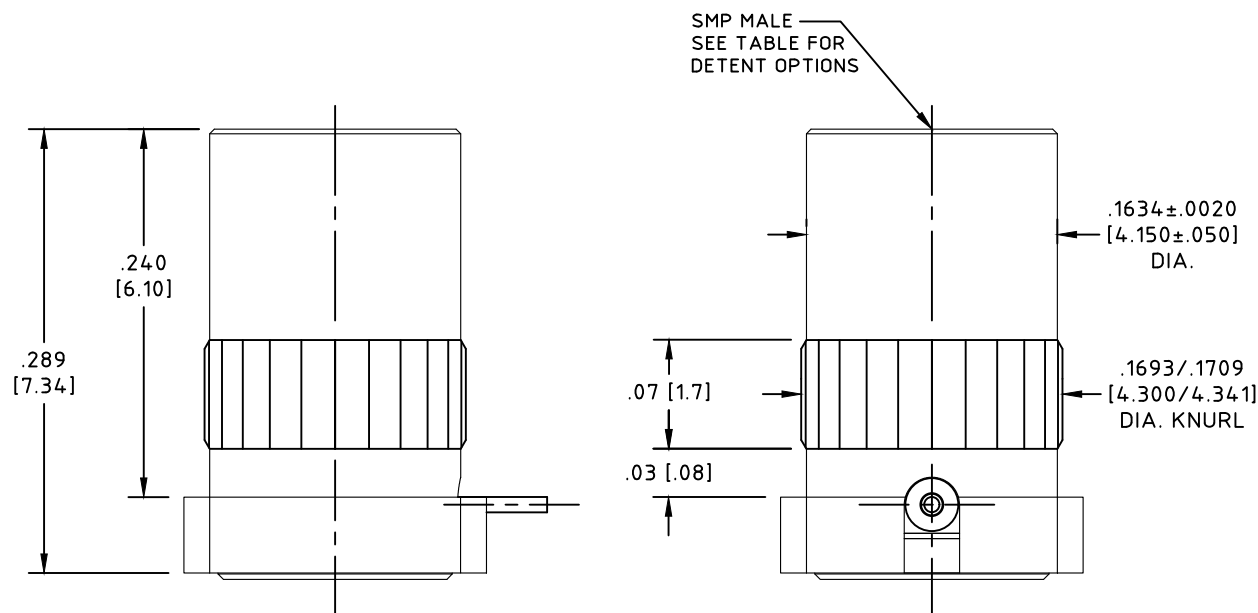


CONTROL DRAWING

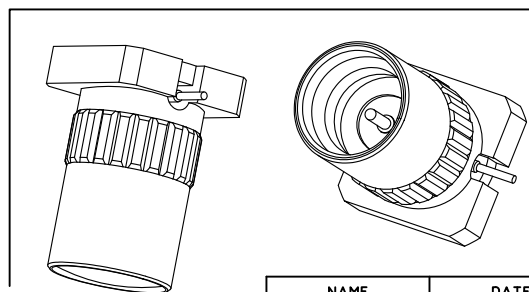
NOTES:

29474RM-x-003

F



DETENT	PART NO.
F.D.	29474RM-2-003
L.D.	29474RM-3-003
S.B.	29474RM-4-003



1. DESCRIPTION:
PCB BOARD CONNECTOR, SMP MALE,
PCB REAR MOUNT.

2. MATERIALS AND FINISHES:
BODY, CENTER CONDUCTOR AND CAP,
BRASS, FREE CUTTING, PER
ASTM B-16 UNS No. C36000.
GOLD PLATED 30 μ IN (0.76 μ M) MIN. THK.
PER ASTM B-488, CODE C,
TYPE II, CLASS 0.76.
OVER
NICKEL PLATE, 50 μ IN (1.27 μ M) MIN. THK.
PER SAE-AMS-QQ-N-290, CLASS 1.
OR
BERYLLIUM COPPER ALLOY PER ASTM B-196,
UNS No. C17300, TEMPER TD04(H),
GOLD PLATED 50 μ IN (1.27 μ M) MIN. THK.
PER ASTM B-488, CODE C,
TYPE II, CLASS 1.27.
OVER
NICKEL PLATE, 50 μ IN (1.27 μ M) MIN. THK.
PER SAE-AMS-QQ-N-290, CLASS 1.
DIELECTRIC,
POLYTETRAFLUOROETHYLENE (PTFE) PER
ASTM D-1710, OR ASTM D-4894,
TYPE I, GRADE 1, CLASS A OR
POLYETHERIMIDE RESIN (PEI) (G.E. ULTEM®)
PER ASTM D-5205 OR
POLYAMIDE-IMIDE (TORLON® 4203)
ELECTRICAL GRADE, PER
ASTM D-5204.

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

4. INTERFACE MEETS MIL-STD-348.

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

6. FOR CUT OUT AND OPTIMAL TRACE TOPOGRAPHY
REFER TO HUBER+SUHNER Astrolab drawing
29474RM-x-003-TPG40240055.

7. PACKAGING,
TAPE ON REEL PACKING, 100 PIECES MINIMUM
CONTINUOUS TAPE.

NAME	DATE	SCALE
PREP. EB	05/31/13	8:1
ELEC. RF	05/31/13	ANSI A
MECH. AW	05/31/13	
Q.C.		



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

UNLESS OTHERWISE SPECIFIED
CONCENTRICITY .004 T.I.R.
CORNERS AND FILLETS .005
MAX. RADIUS OR CHAMFER.
SURFACE FINISH 63 RMS
MICROINCHES OR BETTER.

X	±.030 [±0.762]
XX	±.015 [±0.381]
XXX	±.005 [±0.127]
XXXX	±.0005 [±0.013]
ANGLES	± 1°

DO NOT SCALE DRAWING

TITLE

SMP MALE, PCB BOARD, REAR MOUNT

THDS. TO BE IN ACCORD WITH U.S.
DEPT. OF COMM. SCREW THD. STDS.
FOR FEDERAL SERVICES 1950 SUPL.
TO HANDBOOK H 28.

CODE IDENT.

16301

DWG NO.

DWG-01016143

REV.

F

SHEET

1

F	ECN No. 20884	04/02/19	EF	GSG
REV.	DESCRIPTION	DATE	BY	APPROVED

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