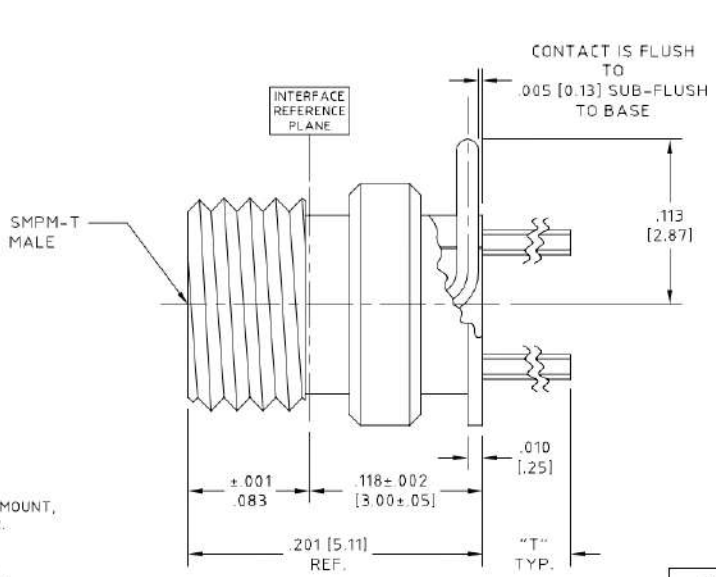
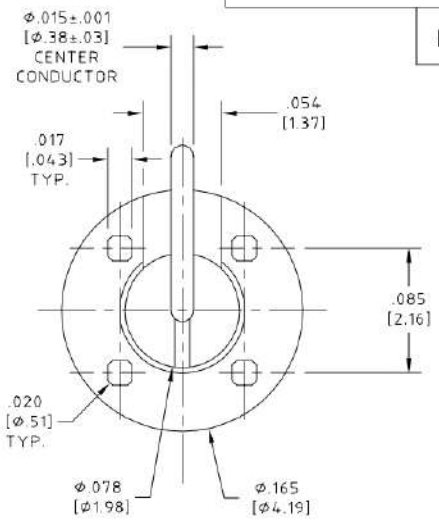
CONTROL DRAWING

29976S1-X-XXX

H





NOTES:

1. DESCRIPTION
   CONNECTOR, THRU THE BOARD MOUNT,
   SMPM-T MALE, LAUNCHER.

2. MATERIALS AND FINISHES
   BODY AND CENTER CONDUCTOR,
   BERYLLIUM COPPER ALLOY PER ASTM B-196,
   UNS No. C17300, TEMPER TD04(H),
   GOLD PLATED .000050 IN (1.27 µM) MIN. THK.
   PER ASTM B-488, CODE C, TYPE II, CLASS 1.27
   OVER
   NICKEL PLATE, .000050 IN (1.27 µM) MIN. THK.
   PER SAE-AMS-QQ-N-290, TYPE 1.
   DIELECTRIC,
   POLYAMIDE-IMIDE (TORLON® 4203) ELECTRICAL GRADE,
   PER ASTM D-5204

3. ELECTRICAL CHARACTERISTICS:
   IMPEDANCE
   50.0 Ohms NOMINAL.

4. INTERFACE MEETS MIL-STD-348.

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

6. MOUNTING PATTERNS,
   CUSTOMER SPECIFIC FACTORS INCLUDING TRANSMISSION LINE TOPOLOGY, SUBSTRATE THICKNESS AND MATERIAL, BOARD-STACKUP, OPERATING FREQUENCY, ETC. MUST BE SUBMITTED TO HUBER+SUHNER Astrolab FOR ANALYSIS PRIOR TO RELEASE OF FINAL PERFORMANCE LEVELS AND MOUNTING CONFIGURATION.

DETENT	PART NUMBER	"T"
FULL DETENT	29976S1-2-106	.106 [2.69]
SMOOTH BORE	29976S1-4-106	.106 [2.69]
FULL DETENT	29976S1-2-140	.140 [3.56]
SMOOTH BORE	29976S1-4-140	.140 [3.56]
FULL DETENT	29976S1-2-165	.165 [4.19]
SMOOTH BORE	29976S1-4-165	.165 [4.19]
FULL DETENT	29976S1-2-200	.200 [5.08]
SMOOTH BORE	29976S1-4-200	.200 [5.08]

REV.	DESCRIPTION	DATE	BY	APPROVED
H	ECN No. 20491	08/27/18	GSG	

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

FRACTIONS	± 1/32
X	± .030
XX	± .015
XXX	± .005
ANGLES	± 1°
DO NOT SCALE DRAWING	

	NAME	DATE
PREP.	EF	06/22/09
ELEC.	RF	06/23/09
MECH.	GSG	06/23/09
Q.C.		

HUBER+SUHNER Astrolab

TITLE
CONNECTOR, THRU THE BOARD MOUNT, SMPM-T MALE.

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

SCALE	CODE IDENT.	DWG NO.	REV
10:1	16301	29976S1-X-XXX	H