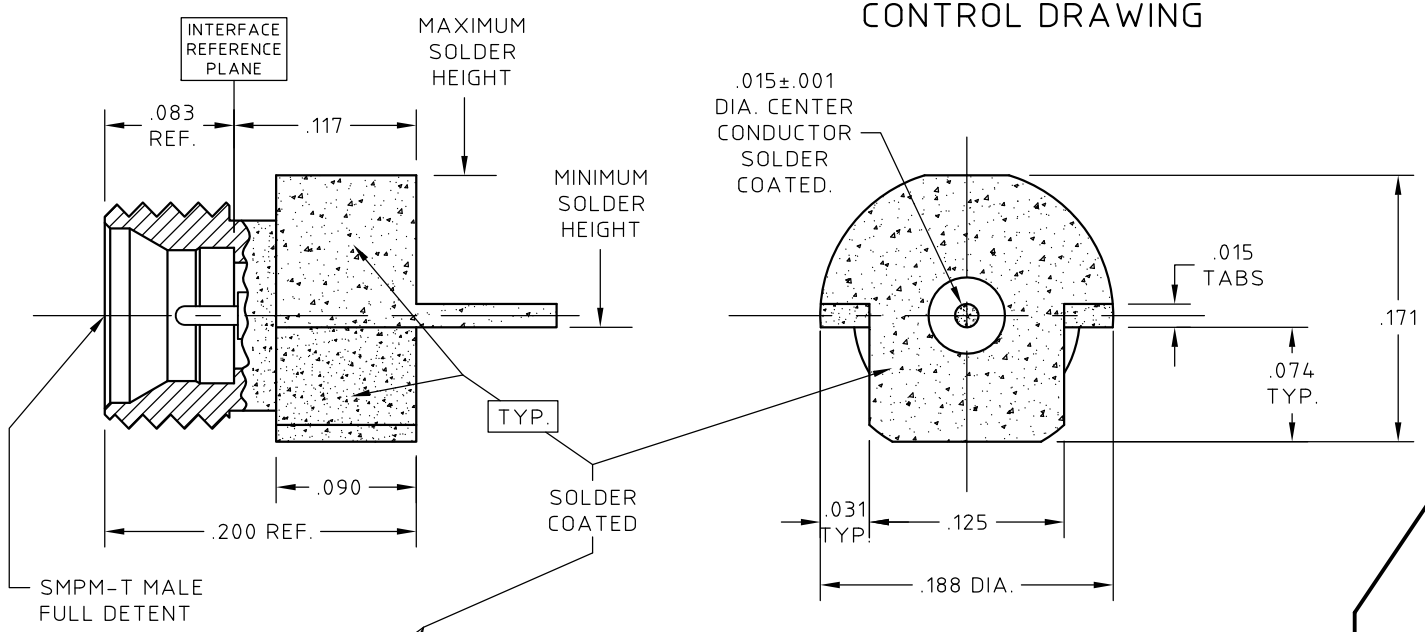
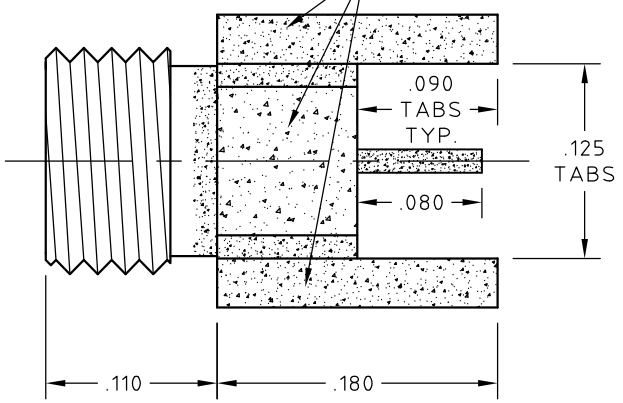
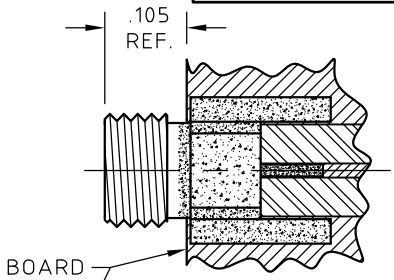
CONTROL DRAWING

29976BM-2-004

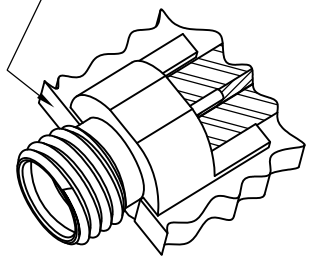
C



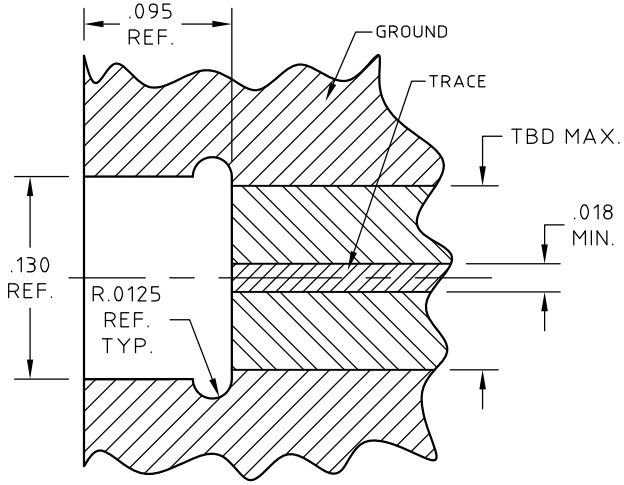




CONNECTOR SHOWN MOUNTED



SCALE 4X BOTH DETAILS



MOUNTING CUT OUT
MOUNTING BOARD MATERIAL TBD

NOTES

1. DESCRIPTION
   LAUNCHER, EDGE MOUNT, SMPM-T MALE, THREADED ASTROLAB SMPM MALE.
   MOUNTING BOARD MATERIAL TBD.
   TABS AND CENTER CONDUCTOR ARE SOLDER COATED AS SHOWN WITH SOLDER ALLOY Sn63Pb37A PER J-STD-006A.
   SOLDER ALLOY BUILDUP .003 MAX. WALL THICKNESS FROM DIMENSIONS SHOWN.
   SOLDER ICICLES MAY BE PRESENT ON SURFACES NOT INTERFERING WITH BOARD MOUNT.

NOTES CONTINUED

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,
   POLYTETRAFLUOROETHYLENE (PTFE) PER ASTM D-1710, OR ASTM D-4894, TYPE I, GRADE 1.
3. ELECTRICAL CHARACTERISTICS:
   IMPEDANCE, 50.0 Ohms NOMINAL.
   FREQUENCY, TBD.
4. INTERFACE DEFINITION, SMPM MALE IS DESIGNED AND MANUFACTURED IAW MIL-STD-348 AND WILL MATE WITH SMPM FEMALE CONNECTOR THAT IS DESIGNED AND MANUFACTURED IAW MIL-STD-348.
5. OPERATING TEMPERATURE RANGE
   -55° C TO +125° C

NAME		DATE
PREP.	GSG	06/22/10
ELEC.	RF	07/13/10
MECH.	AW	07/13/10
Q.C.		

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.

FRACTIONS	± 1/16
X	± .030
XX	± .015
XXX	± .005
ANGLES	± 1°
DO NOT SCALE DRAWING	

TITLE

SMPM-T MALE, PC BOARD EDGE MOUNT CONNECTOR

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
8:1	16301	29976BM-2-004	C

REV.	DESCRIPTION	DATE	BY	APPROVED
C	REFERENCES REMOVED	11/19/13	GSG	