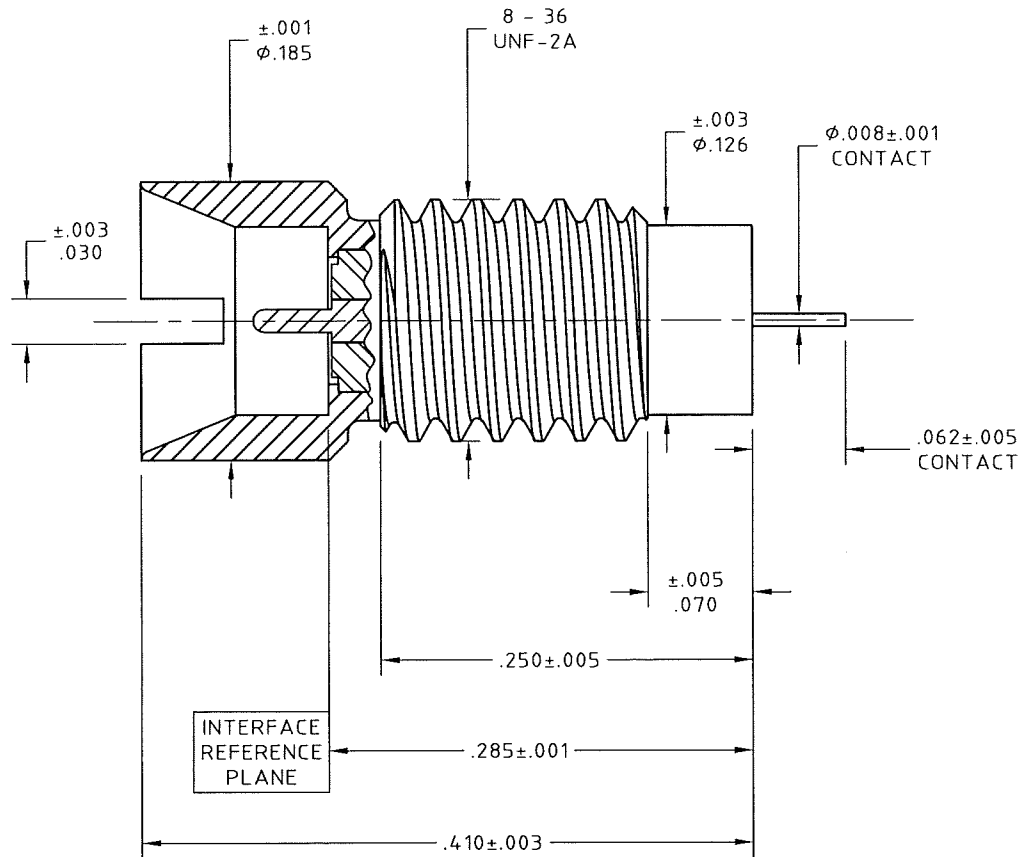


CONTROL DRAWING

12_SMP-50-0-x1/199_NE

A

RoHS 6 COMPLIANT



NOTES:

- DESCRIPTION
PANEL MOUNT CONNECTOR, SMP MALE, SMOOTH BORE.
- MATERIALS AND FINISHES
BODY
STEEL, CORROSION RESISTANT PER ASTM A-582, UNS NO. S30300, COND. A.
PASSIVATED PER SAE-AMS-QQ-P-35 OR ASTM A-967.
CENTER CONDUCTOR
BERYLLIUM COPPER ALLOY PER ASTM B-196, UNS NO. C17300, TEMPER TD04(H).
GOLD PLATED 4 μIN. [0.1 μM] MIN. THK. PER ASTM B-488, CODE C, TYPE I, CLASS 0.25, OVER
NICKEL PLATE, 80 μIN. [2.0 μM] MIN. THK. PER ASTM B-733, TYPE V, CLASS 3, OVER
COPPER FLASH, 4 μIN. [0.1 μM] MIN. THK. PER SAE-AMS-2418.
DIELECTRIC,
POLYTETRAFLUOROETHYLENE (PTFE) PER ASTM D-1710, OR ASTM D-4894, TYPE I, GRADE 1.

DETENT	P/N	SAP #
LIMITED DETENT	12_SMP-50-0-L1/199_NE	TBD
SMOOTH BORE	12_SMP-50-0-S1/199_NE	80378538

METRIC TOLERANCE			
DIMENSION		TOLERANCE	
INCHES	MM	INCHES	MM
.X	[X.]	±.015	[±0.5]
.XX	[X.X]	±.010	[±0.3]
.XXX	[X.XX]	±.002	[±0.05]
.XXXX	[X.XXX]	±.0005	[±0.013]

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	

NAME	DATE
PREP. SO <i>ENG 07</i>	02/16/16
ELEC. <i>M.G.</i>	02/16/16
MECH. <i>[Signature]</i>	02/16/16
Q.C.	

HUBER+SUHNER
Astrolab

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TITLE	SCALE	CODE IDENT.	DWG NO.	REV
PANEL MOUNT CONNECTOR, SMP MALE	8:1	16301	12_SMP-50-0-x1/199_NE	A

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

REV.	DESCRIPTION	DATE	BY	APPROVED
A	ECN No. 17879	02/16/16	<i>ENG SP</i>	<i>[Signature]</i>

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