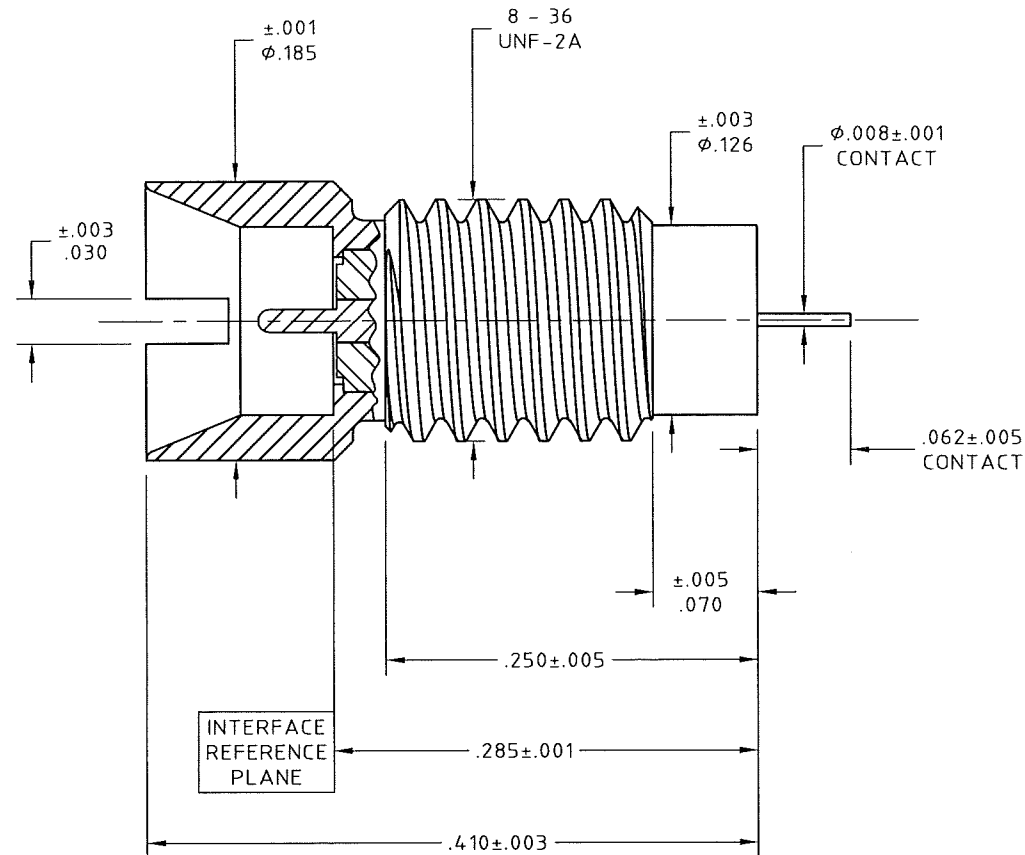


CONTROL DRAWING

12_SMP-50-0-x1/199_NE

A

RoHS 6 COMPLIANT



NOTES:

1. DESCRIPTION

PANEL MOUNT CONNECTOR, SMP MALE, SMOOTH BORE.

2. 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 μ IN. [0.1 μ M] MIN. THK.

PER ASTM B-488, CODE C, TYPE I, CLASS 0.25,

OVER

NICKEL PLATE, 80 μ IN. [2.0 μ M] MIN. THK.

PER ASTM B-733, TYPE V, CLASS 3,

OVER

COPPER FLASH, 4 μ IN. [0.1 μ M] 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.]	± 0.15	[± 0.5]
.XX	[X.X]	± 0.10	[± 0.3]
.XXX	[X.XX]	± 0.02	[± 0.05]
.XXXX	[X.XXX]	± 0.005	[± 0.013]

NAME	DATE
PREP. SO	02/16/16
ELEC. M.G.	02/16/16
MECH. [Signature]	02/16/16
Q.C.	

HUBER+SUHNER
AstrolabTHIS 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.

FRACTIONS	$\pm 1/16$
X	$\pm .030$
XX	$\pm .015$
XXX	$\pm .005$
ANGLES	$\pm 1^\circ$
DO NOT SCALE DRAWING	

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

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