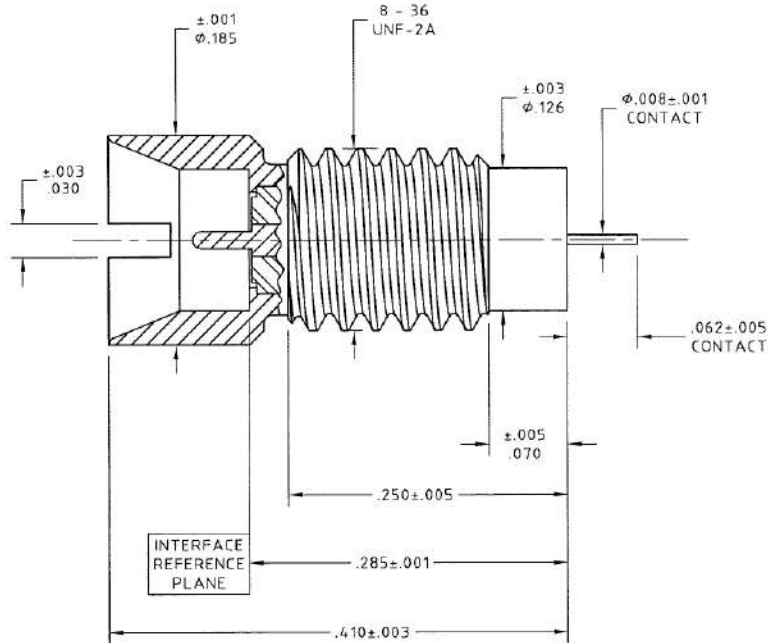


CONTROL DRAWING

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 T004(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.]	$\pm .015$	[± 0.4]
.XX	[X.X]	$\pm .010$	[± 0.3]
.XXX	[X.XX]	$\pm .002$	[± 0.05]
.XXXX	[X.XXX]	$\pm .0005$	[± 0.013]

UNLESS OTHERWISE SPECIFIED
CONCENTRICITY .004 T.I.R.
CORNERS AND FILLETS .005
MAX. RADIUS OR CHAMFER.
SURFACE FINISH ES RNS
MICRINCHES OR BETTER.

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

NAME	DATE
PREP. SO <i>ENG 02</i>	02/16/16
ELEC. <i>M.G.</i>	02/18/16
MECH. <i>[Signature]</i>	02/18/16
Q.C.	



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

TITLE	
PANEL MOUNT CONNECTOR, SMP MALE	

REV.	DESCRIPTION	DATE	BY	APPROVED	SCALE	CODE IDENT.	DWG NO.	REV.
A	ECN No. 17879	02/16/16	<i>ENG 02</i>	<i>[Signature]</i>	8:1	16301	12_SMP-50-0-x1/199_NE	A