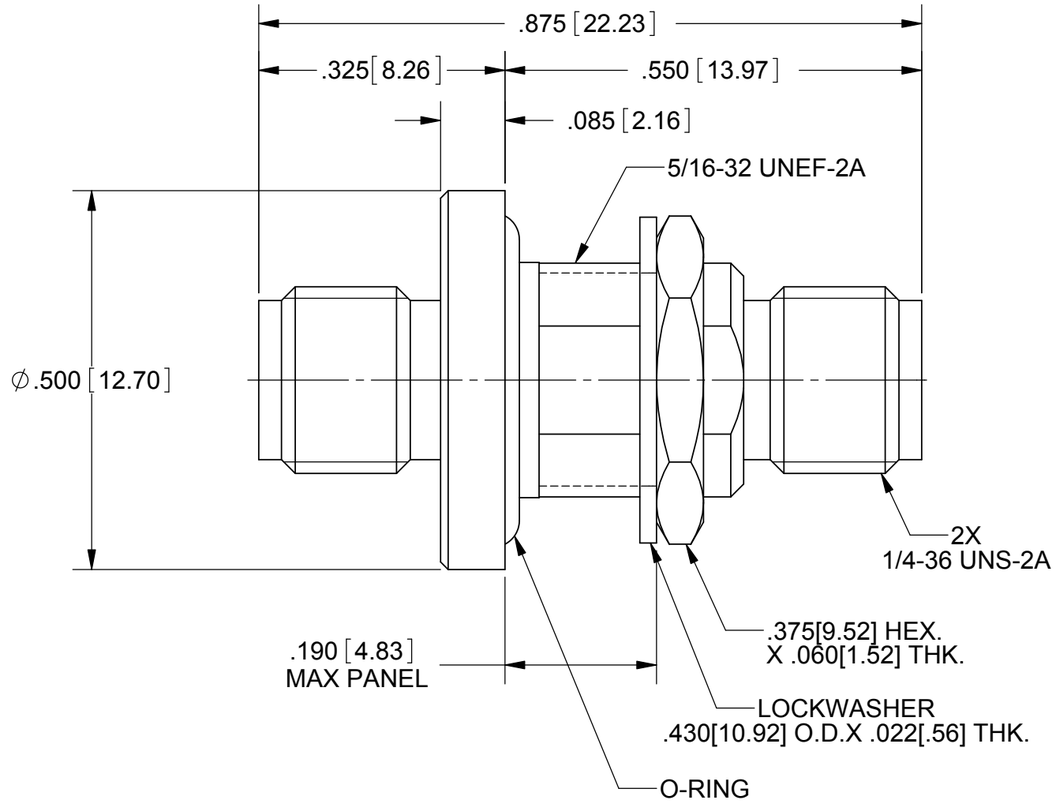
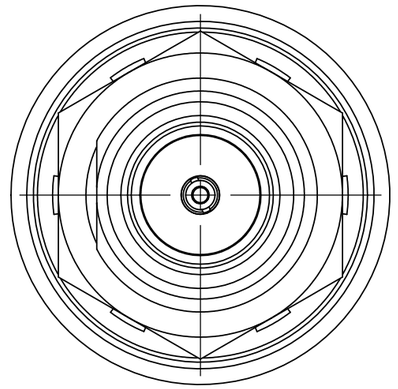
ROHS COMPLIANT

PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
A	REV. DCN 41174	02/223/14	STW





MATERIAL:

BODY & HEX NUT: STAINLESS STEEL PER AMS-5640, ALLOY UNS S30300, TYPE 1.

LOCK WASHER: 300 SERIES STAINLESS STEEL

CONTACTS: BERYLLIUM COPPER PER ASTM B196, ALLOY No. UNS C17300, TD04.

PIN: KOVAR PER ASTM-F15, UNS ALLOY No. K94610.

INSULATORS: PTFE PER ASTM D1710, TYPE I, GRADE 1, CLASS B.

O-RING: SILICONE RUBBER PER A-A-59588, CLASS 2B, GRADE 60/70

GLASS BEAD: EN-1 OR EQUIVALENT SOLID GLASS

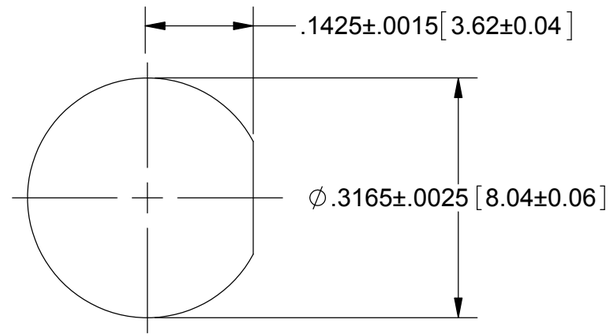
FINISH:

BODY, HEX NUT, & LOCK WASHER: PASSIVATED PER AMS-2700

CONTACTS: GOLD PER ASTM B488, TYPE II, CODE C, CLASS 1.27 OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .00005" MIN.

PERFORMANCE:F

IMPEDANCE:	50 OHMS
FREQ. RANGE:	DC TO 12.4 GHz
DWV:	1000 VRMS
INSUL. RESISTANCE:	5000 MEGOHMS
VSWR:	1.10+.015XF(F IN GHZ)
INSERTION LOSS:	.15 X SQRT F(F IN GHZ) @ 6 GHz
LEAK RATE:	1 X 10-7 CC/SEC
OPER. TEMPERATURE:	-65 TO +165 °C



RECOMMENDED MOUNTING HOLE

MATERIAL: SEE NOTES

FINISH: SEE NOTES

SURFACE AREA: N/A

PROPRIETARY

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DIMENSIONS ARE IN INCHES TOLERANCES:

FRACTIONAL: ±1/64 ANGULAR: X° ±1°0' X°X' ±15'

DECIMAL: .X ±.030 .XX ±.010 .XXX ±.005

INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994

THIRD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED

1) ALL DIMENSIONS ARE IN INCHES [MILLIMETERS]
2) ALL DIMENSIONS ARE AFTER PLATING.
3) BREAK CORNERS & EDGES .005 R. MAX.
4) CHAM. 1ST & LAST THREADS.
5) SURFACE ROUGHNESS 63 MIL-STD-10.
6) DIA.'S ON COMMON CENTERS TO BE CONCENTRIC WITHIN .005 T.I.R.
7) REMOVE ALL BURRS

DRAWN:	RPA	02/17/86
CHECKED:	JMC	02/23/15
APPROVED:	ND	02/27/86

SV Microwave, Inc.
2400 Centrepark West Drive, Suite 100
West Palm Beach, FL 33409

TITLE: SMA JACK TO JACK BULKHEAD ADAPTER HERMETIC SEAL

SIZE	CAGE CODE	DWG. NO.
B	95077	M55339/28-30001

SCALE: 5:1 SHEET 1 OF 1