ROHS COMPLIANT

PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
-	DCN 34595	10/06	STW
A	DCN 36894	07/09	JMC

MATERIAL:

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

CONTACTS & RETAINING CLIP: BERYLLIUM COPPER PER ASTM B196, ALLOY UNS C17300, TD04

SPRING: STAINLESS STEEL PER ASTM A313, TYPE 331 ALLOY UNS S17700

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

GASKET: SILICONE RUBBER PER A-A-59588, CLASS 2B, GRADE 50/60

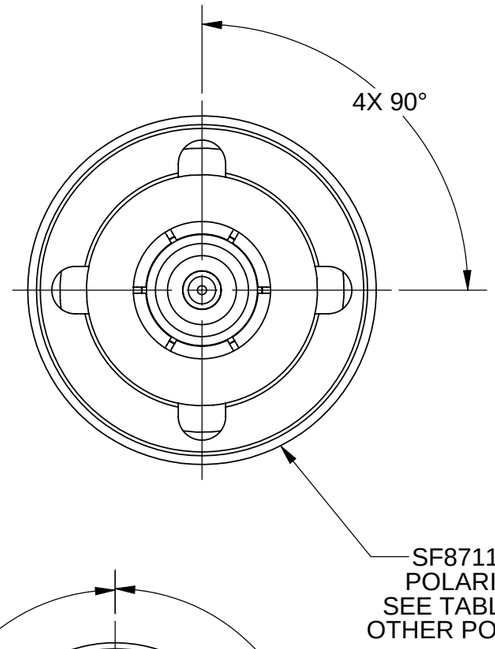
FINISH:

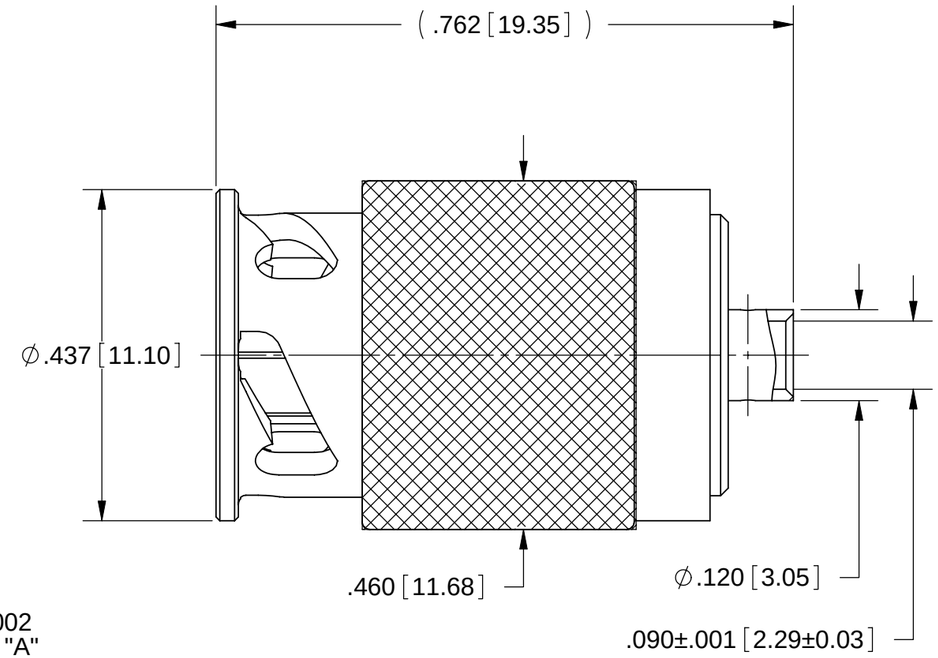
BODY & CONTACTS: GOLD PER ASTM B488, TYPE II, CODE C, CLASS 1.27; OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .00005" MIN.

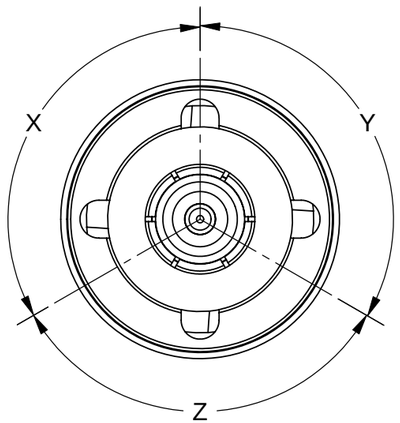
COUPLING NUT: PASSIVATED PER AMS-2700, TYPE 2

PERFORMANCE:

IMPEDANCE: 50 OHMS
FREQ. RANGE: DC TO 18.0 GHz
DWV: 1000 VRMS
OPERATING TEMP.: -55°C TO +125°C
INSUL. RES.: 5000 MEGOHMS, MIN.







POLARITIES "B" THROUGH "H"

POLARITY	W	X	Y	Z	SV P/N
A	90	90	90	90	SF8711-6002
B	-	120	120	120	SF8711-6003
C	-	130	130	100	SF8711-6004
D	-	110	110	140	SF8711-6005
E	-	100	100	160	SF8711-6006
F	-	110	130	120	SF8711-6007
G	-	120	130	110	SF8711-6008
H	-	100	150	110	SF8711-6009

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:	PDW	10/03/06
CHECKED:	STW	10/03/06
APPROVED:	STW	10/06/06

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

TITLE: ZMA PLUG FOR TFLEX-405 CABLE

SIZE	CAGE CODE	DWG. NO.
B	95077	SF8711-6002 TO 6009

SCALE: 5:1 SHEET 1 OF 1