

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

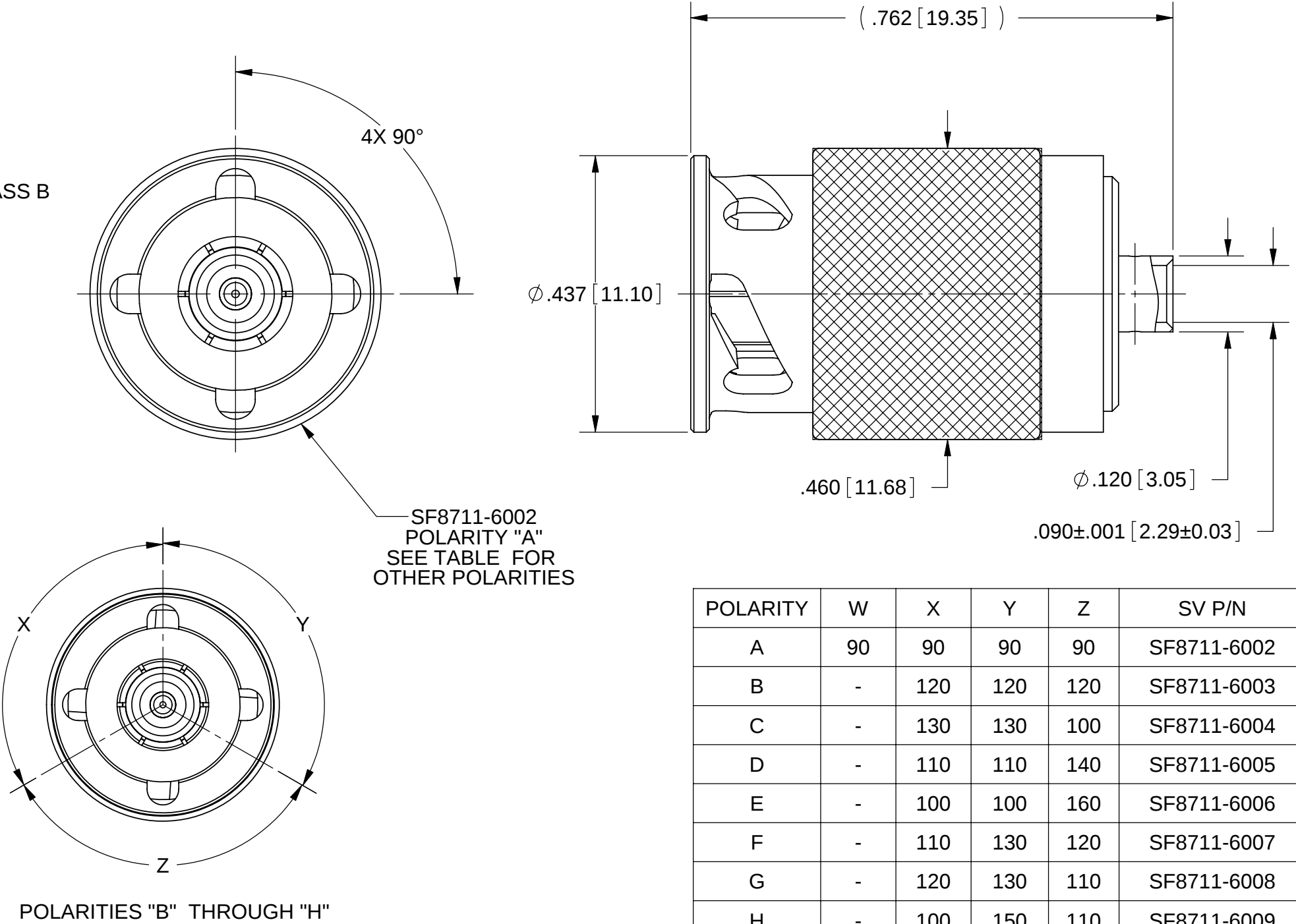
FINISH:

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

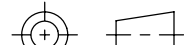
COUPLING NUT: PASSIVATED PER AMS-2700, TYPE 2

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.



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		DIMENSIONS ARE IN INCHES TOLERANCES:		UNLESS OTHERWISE SPECIFIED		SV Microwave, Inc. 2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409	
FINISH:	SEE NOTES		FRACTIONAL: $\pm 1/64$ ANGULAR: $X^{\circ} \pm 1'0''$ $X'X'' \pm 15'$		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		TITLE:	
SURFACE AREA:	N/A		DECIMAL: $.X \pm .030$ $.XX \pm .010$ $.XXX \pm .005$				ZMA PLUG FOR TFLEX-405 CABLE	
	PROPRIETARY THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SV MICROWAVE, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SV MICROWAVE, INC IS PROHIBITED.		INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994		THIRD ANGLE PROJECTION 		DRAWN: PDW 10/03/06 CHECKED: STW 10/03/06 APPROVED: STW 10/06/06	
					SIZE B CAGE CODE 95077 DWG. NO. SF8711-6002 TO 6009 SCALE: 5:1		SHEET 1 OF 1	

Mouser Electronics

Authorized Distributor

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[SF8711-6004](#)