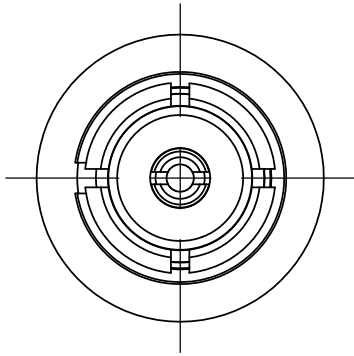
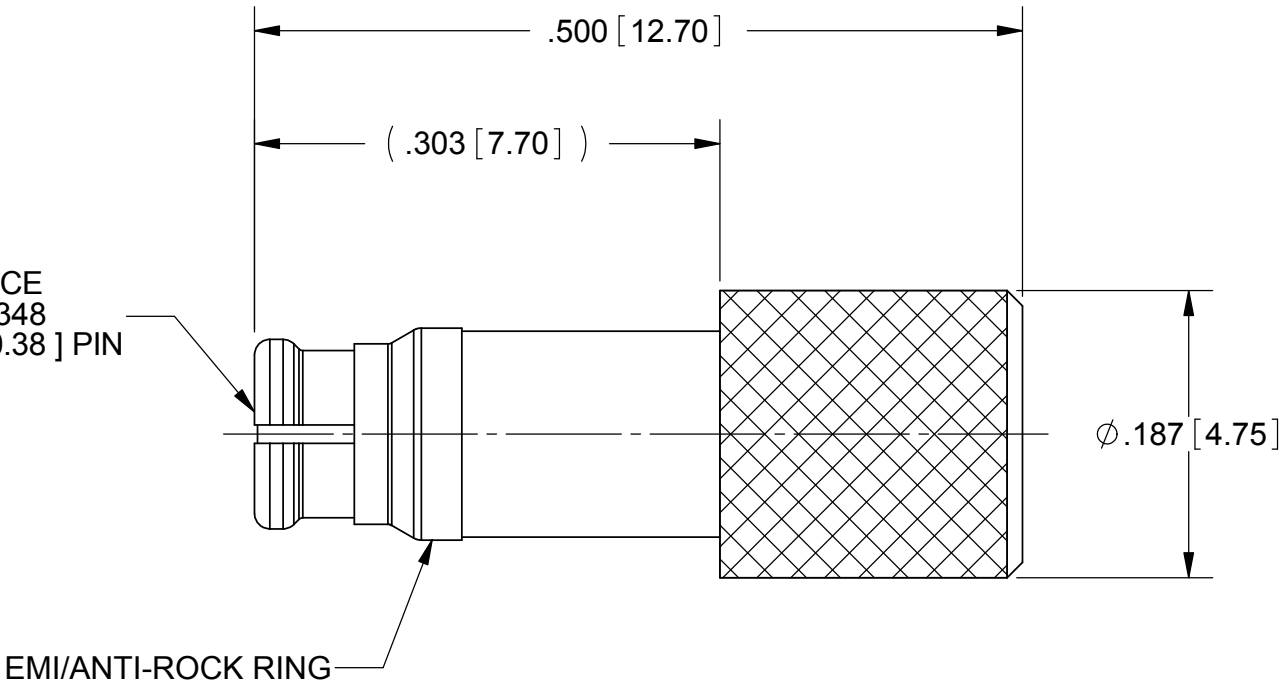


# PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
-	NRN 36488	01/11	STW
A	DCN 38277	06/11	STW



SMP INTERFACE  
PER MIL-STD-348  
ACCEPTS  $\phi .015 [ .038 ]$  PIN



### MATERIALS:

BODY, CONTACT,  
EMI/ANTI-ROCK RING  
& CAP:

BERYLLIUM COPPER ALLOY PER ASTM B196  
ALLOY No. UNS17300 TD04  
PTFE PER ASTM D1710  
ALUMINA SUBSTRATE WITH NICHROME RESISTOR

## FINISHES:

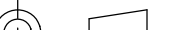
BODY, CONTACT,  
EMI/ANTI-ROCK RING  
& CAP:

GOLD PER ASTM B488, TYPE II, GRADE C,  
CLASS 1.27, OVER NICKEL PER AMS-QQ-N-290, CLASS 1

## ELECTRICAL:

IMPEDANCE:  
FREQ. RANGE:  
VSWR:  
OPER. TEMP:  
AVG. POWER:

50 OHMS  
DC TO 26.5 GHZ  
1.25:1, DC TO 26.5 GHZ  
-55°C TO +125°C  
1/2 WATT (POWER INPUT DERATED LINEARLY  
FROM 25°C TO .05 WATTS AT 125°C)  
100 WATTS, PULSE WIDTH OF 5 MICROSECONDS  
AND A DUTY CYCLE OF 5 X10-4

MATERIAL:	SEE NOTES	DIMENSIONS ARE IN INCHES TOLERANCES:		UNLESS OTHERWISE SPECIFIED		<b>SV Microwave, Inc.</b> 2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409			
FINISH:	SEE NOTES	FRACTIONAL: $\pm 1/64$ ANGULAR: $X^\circ \pm 1^\circ 0'$ <span style="margin-left: 250px;"><math>X'X'' \pm 15'</math></span>		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: <b>SMP FEMALE TERMINATION</b> <b>1/2 WATT</b>			
SURFACE AREA:	N/A	DECIMAL: .X $\pm .030$ <span style="margin-left: 100px;"><math>.XX \pm .010</math></span> <span style="margin-left: 100px;"><math>.XXX \pm .005</math></span>		INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994		SIZE   CAGE CODE   DWG. NO. <b>B   95077   8012-4006</b>			
PROPRIETARY		THIRD ANGLE PROJECTION		DRAWN: JMC 03/04/08		SCALE: 8:1			
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.				CHECKED: SVG 03/04/08		SHEET 1 OF 1			
				APPROVED: SVG 03/04/08					

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