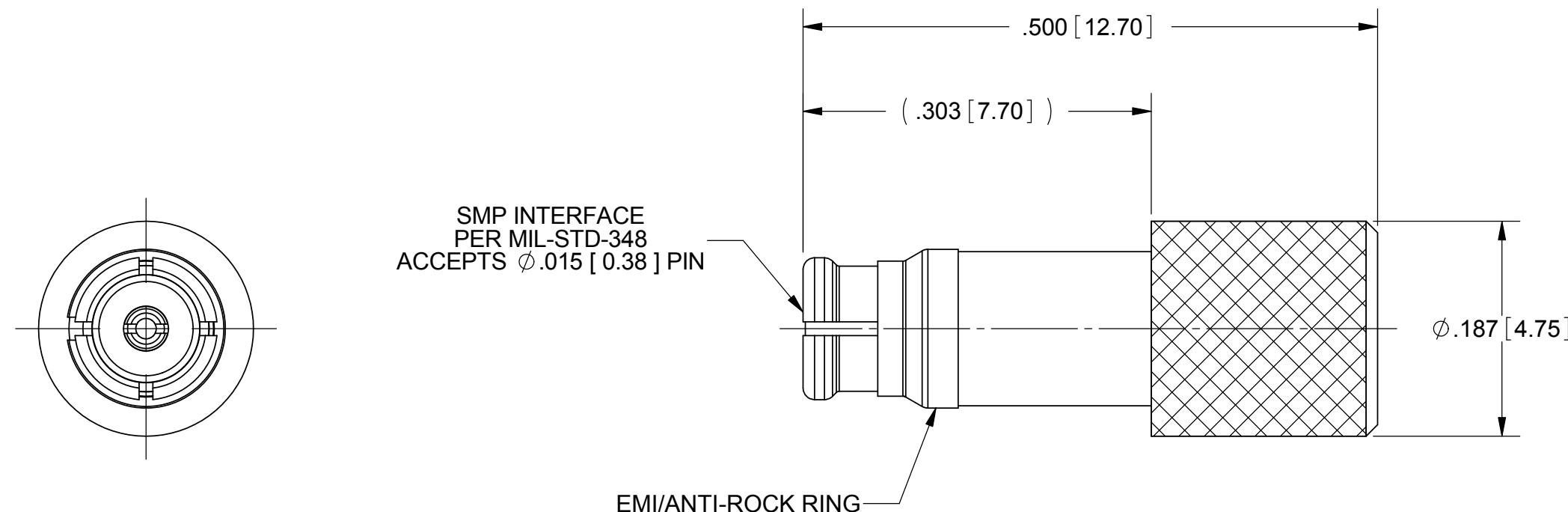


PRODUCT DATA DRAWING

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



MATERIALS:

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

BERYLLIUM COPPER ALLOY PER ASTM B196
ALLOY No. UNS17300 TD04

INSULATOR:

PTFE PER ASTM D1710

RESISTOR ELEMENT:

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:

50 OHMS
DC TO 26.5 GHZ

VSWR:
OPER. TEMP:

1.25:1, DC TO 26.5 GHZ
-55°C TO +125°C

AVG. POWER:

1/2 WATT (POWER INPUT DERATED LINEARLY
FROM 25°C TO .05 WATTS AT 125°C)

PEAK POWER:

100 WATTS, PULSE WIDTH OF 5 MICROSECONDS
AND A DUTY CYCLE OF 5 X10-4

MATERIAL: SEE NOTES

FINISH: SEE NOTES

SURFACE AREA: N/A

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.

DIMENSIONS ARE IN INCHES TOLERANCES:

FRACTIONAL: $\pm 1/64$ ANGULAR: $X^\circ \pm 1^\circ$

$X^\circ X' \pm 15'$

DECIMAL: $X \pm .030$

$XX \pm .010$

$XXX \pm .005$

INTERPRET DIMENSIONS AND TOLERANCES

PER ASME Y14.5M - 1994

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 63µIN MIL-STD-10.

6) DIA.'S ON COMMON CENTERS TO BE CONCENTRIC
WITHIN .005 T.I.R.

7) REMOVE ALL BURRS

THIRD ANGLE PROJECTION

DRAWN: JMC 03/04/08

CHECKED: SVG 03/04/08

APPROVED: SVG 03/04/08

SCALE: 8:1

SIZE

CAGE CODE

DWG. NO.

SV Microwave, Inc.

2400 Centrepark West Drive, Suite 100
West Palm Beach, FL 33409

TITLE:
SMP FEMALE TERMINATION
1/2 WATT

SIZE

CAGE CODE

DWG. NO.

B 95077

8012-4006

SHEET 1 OF 1

Mouser Electronics

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