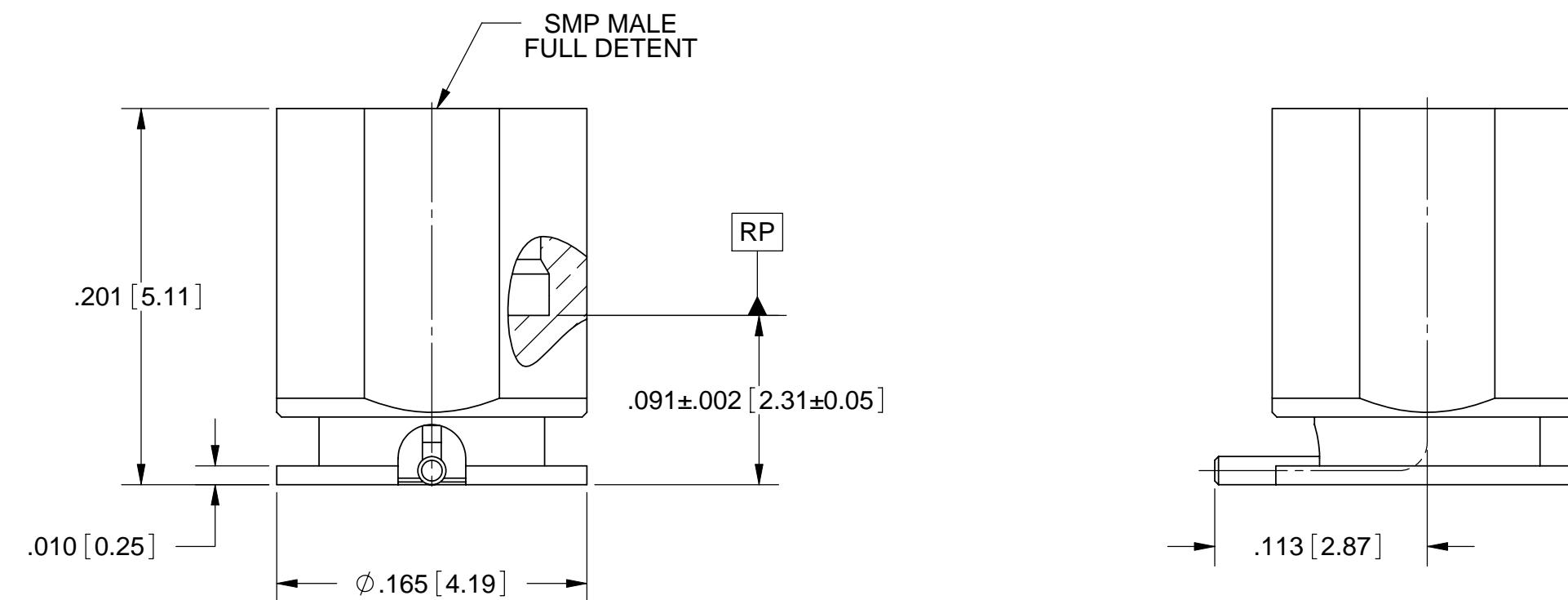


## PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
-	DCN 36816	06/09	PJS

**MATERIAL:**

BODY &amp; CONTACT:

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

INSULATOR:

TORLON

**FINISH:**

BODY &amp; CONTACT:

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

IMPEDANCE:

50 OHMS

FREQ. RANGE:

DC TO 26.5 GHz

VSWR:

1.25:1 DC TO 18.0 GHz

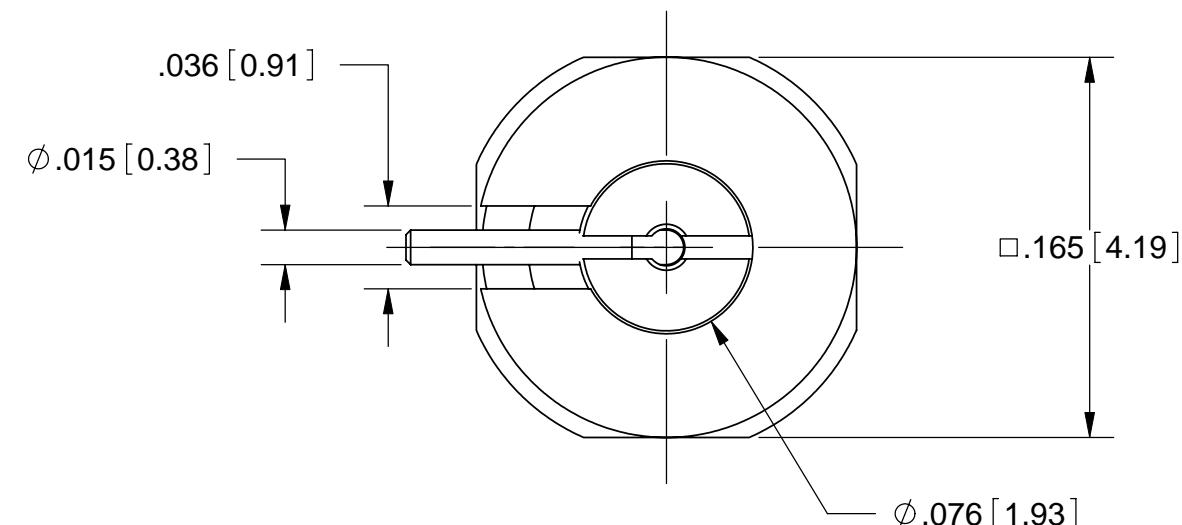
INSERTION LOSS:

1.35:1 18.0 TO 26.5 GHz

DWV:

.03 X SQRT(F(F IN GHz))

OPERATING TEMP:

500 VRMS  
-55°C TO +125 °C**NOTES:**

1. FOR RECOMMENDED FOOTPRINT TO YOUR SPECIFIC PCB, CONTACT SV MICROWAVE SALES DEPARTMENT ([sales@svmicro.com](mailto:sales@svmicro.com), 561-840-1800).

MATERIAL: SEE NOTES	DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: $\pm 1/64$ ANGULAR: $X^\circ \pm 1^\circ$ DECIMAL: $.X \pm .030$ $X^\circ \pm 15'$ 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.	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	<b>SV Microwave, Inc.</b> 2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409 TITLE: SMP MALE FD SURFACE MT R/A TERMINAL SIZE CAGE CODE DWG. NO. 1211-40003 B 95077 SCALE: 12:1 SHEET 1 OF 1
THIRD ANGLE PROJECTION	DRAWN: DAL 06/02/09 CHECKED: PJS 06/02/09 APPROVED: PJS 06/02/09		