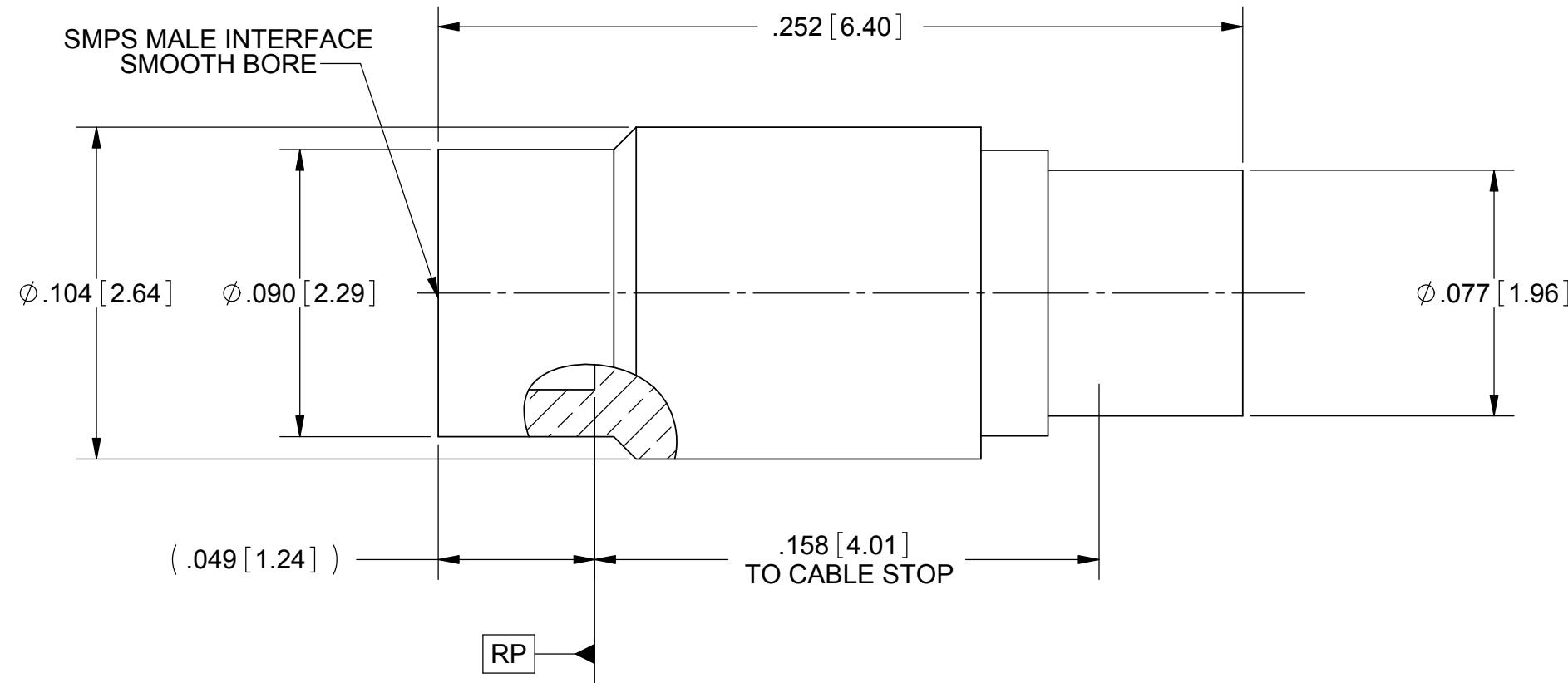


PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
C	DCN 39509	11/12	STW

MATERIAL:
BODY &
CONTACT:BERYLLIUM COPPER PER ASTM B196,
ALLOY No. UNS C17300, TD04

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

FINISH:
BODY &
CONTACT:GOLD PER ASTM B 488, TYPE II,
CODE C, CLASS 1.27; OVER NICKEL
PER AMS-QQ-N-290, CLASS 1, .000005" MIN.

PERFORMANCE:

IMPEDANCE: 50 OHMS
VSWR: 1.20:1 DC TO 40.0 GHz TYPICAL
1.30:1 TO 65.0 GHz TYPICALINSERTION LOSS: .12 X SQRT(F(F IN GHz))
DWV: 250 VRMS

OPERATING TEMP.: -55 °C TO +165 °C

ENGAGEMENT: 1.6 LBS TYPICAL

DISENGAGEMENT: 0.50 LBS TYPICAL

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.
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WITHOUT THE WRITTEN PERMISSION OF
SV MICROWAVE, INC IS PROHIBITED.

DIMENSIONS ARE IN INCHES TOLERANCES:

FRACTIONAL: ±1/64 ANGULAR: X° ±1°0'

XX' ±15'

DECIMAL: X .030

XX .010

XXX .005

INTERPRET DIMENSIONS AND TOLERANCES

PER ASME Y14.5M - 1994

THIRD ANGLE PROJECTION

DRAWN: JMC 08/12/09

CHECKED: JM 02/06/06

APPROVED: JM 02/06/06

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 63µMIL-STD-10.

6) DIA.'S ON COMMON CENTERS TO BE CONCENTRIC

WITHIN .005 T.I.R.

7) REMOVE ALL BURRS

SV Microwave, Inc.2400 Centrepark West Drive, Suite 100
West Palm Beach, FL 33409TITLE:
**SMPS MALE SMOOTH BORE
FOR Ø.047 SEMI-RIGID CABLE**SIZE CAGE CODE DWG. NO.
B 95077 3811-40002

SCALE: 20:1 SHEET 1 OF 1