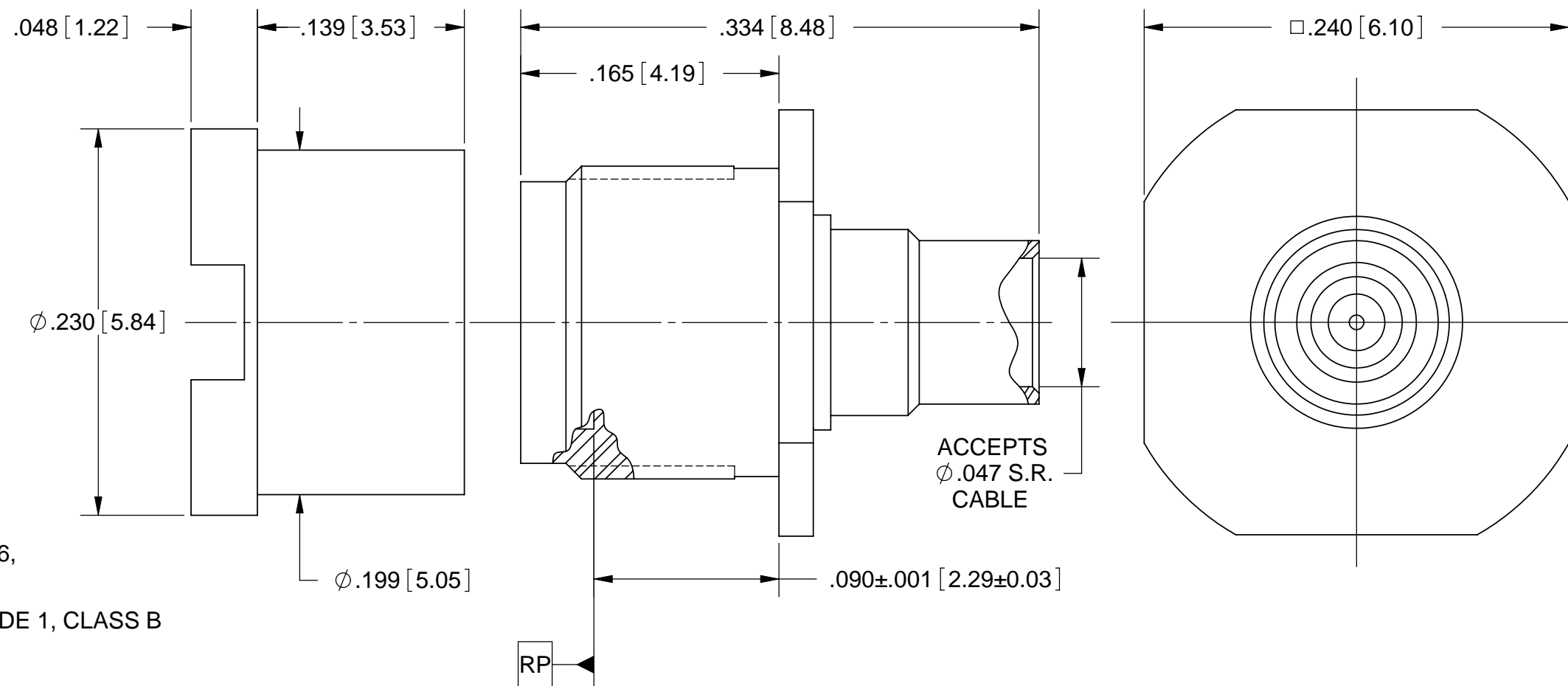


REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
-	DCN 35561	12/07	STW

# PRODUCT DATA DRAWING



**MATERIAL:**

- BODIES & FERRULE: STAINLESS STEEL PER AMS-5640, ALLOY UNS S30300, TYPE 1
- CONTACT: BERYLLIUM COPPER PER ASTM B196, ALLOY No. UNS C17300, TD04
- INSULATOR: PTFE PER ASTM D1710, TYPE I, GRADE 1, CLASS B
- DIELECTRIC SPACER: TORLON 4203

**FINISH:**

- BODIES: PASSIVATED PER AMS-2700, TYPE 2
- CONTACT & FERRULE: 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: 1.20:1 DC TO 26.5 GHz.
- INSERTION LOSS:  $.12 \times \text{SQRT}(F \text{ IN GHz})$
- DWV: 500 VRMS
- INSUL.: RES.: 5000 MEGOHMS
- OPERATING TEMP.: -55°C TO +165°C

MATERIAL: SEE NOTES	DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: $\pm 1/64$ ANGULAR: X° $\pm 1'0$ X"X' $\pm 15'$	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 63-MIL-STD-10. 6) DIA.'S ON COMMON CENTERS TO BE CONCENTRIC WITHIN T.I.R. 7) REMOVE ALL BURRS	<b>SV Microwave, Inc.</b> 2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409
FINISH: SEE NOTES	DECIMAL: .X $\pm .030$ .XX $\pm .010$ .XXX $\pm .005$	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994	TITLE: SMP MALE BLKHD MT CATCHERS MITT FOR $\phi .047$ S.R. CABLE
SURFACE AREA: N/A	THIRD ANGLE PROJECTION	DRAWN: HLP 12/17/07	SIZE   CAGE CODE   DWG. NO. B   95077   SF1211-6060
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.		CHECKED: STW 12/17/07	SCALE: 1:1
		APPROVED: STW 12/17/07	SHEET 1 OF 1