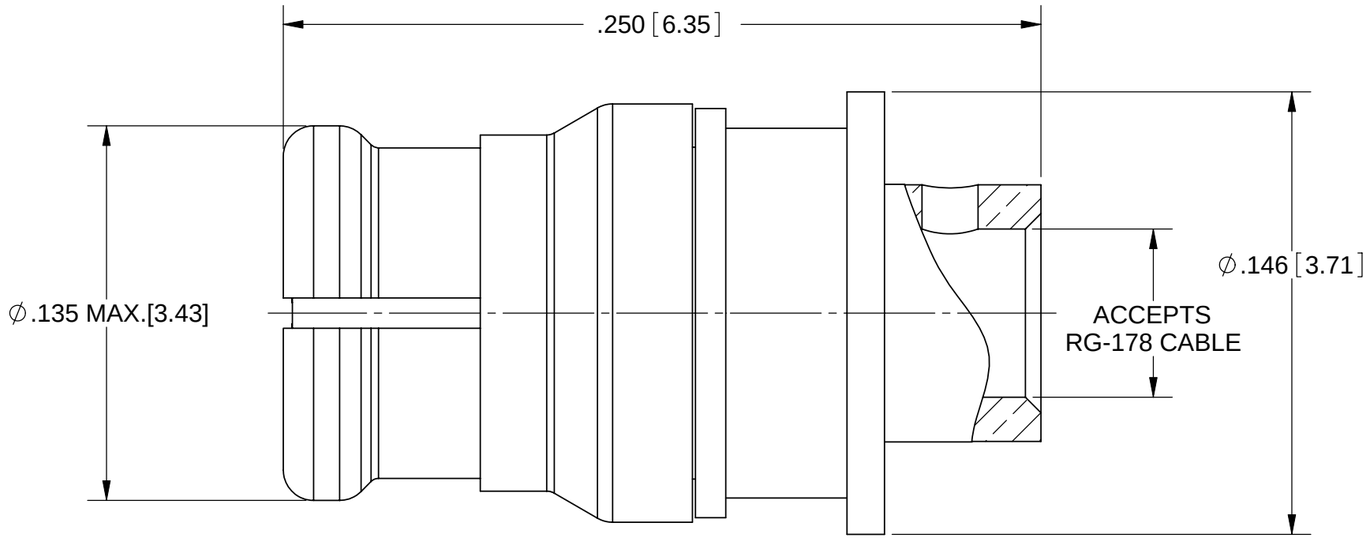
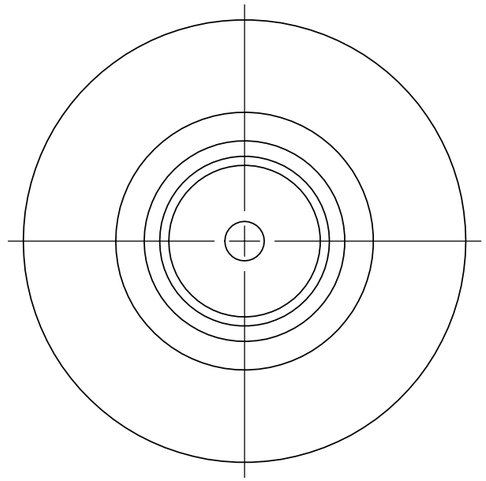
ROHS COMPLIANT

| REVISION HISTORY | | | |
|---|---|---|---|
| REV | DESCRIPTION | DATE | APPROVED |
| - | DCN 35555 | 12/07 | STW |
| | | | |
| | | | |

# PRODUCT DATA DRAWING



## MATERIAL:

BODY, CONTACT
ANTI-ROCK RING — BERYLLIUM COPPER PER ASTM B196, ALLOY No. UNS C17300, TD04

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

DIELECTRIC STOP: TORLON.

## FINISH:

BODY, CONTACT
ANTI-ROCK RING: GOLD PER ASTM B 488, 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 3.0 GHz |
| VSWR: | 1.15:1 DC TO 4.0 GHz |
| INSERTION LOSS: | .12 X SQRT(F(F IN GHz)) |
| DWV: | 500 VRMS |
| OPERATING TEMP.: | -55˚C TO +165˚C |

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: ±1/64 ANGULAR: X° ±1°0' X°X' ±15'

DECIMAL: .X ±.030 .XX ±.010 .XXX ±.005

INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994

THIRD ANGLE PROJECTION

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 .005 T.I.R.
7) REMOVE ALL BURRS

| | | |
|---|---|---|
| DRAWN: | HLP | 12/06/07 |
| CHECKED: | STW | 12/06/07 |
| APPROVED: | STW | 12/06/07 |

***SV Microwave, Inc.***
2400 Centrepark West Drive, Suite 100
West Palm Beach, FL 33409

TITLE: SMP JACK STRAIGHT FOR RG-178

| SIZE | CAGE CODE | DWG. NO. |
|---|---|---|
| B | 95077 | 1221-4004 |

SCALE: 20:1