ROHS COMPLIANT

# PRODUCT DATA DRAWING

| REVISION HISTORY | | | |
|---|---|---|---|
| REV | DESCRIPTION | DATE | APPROVED |
| - | DCN 37299 | 01/10 | PJS |
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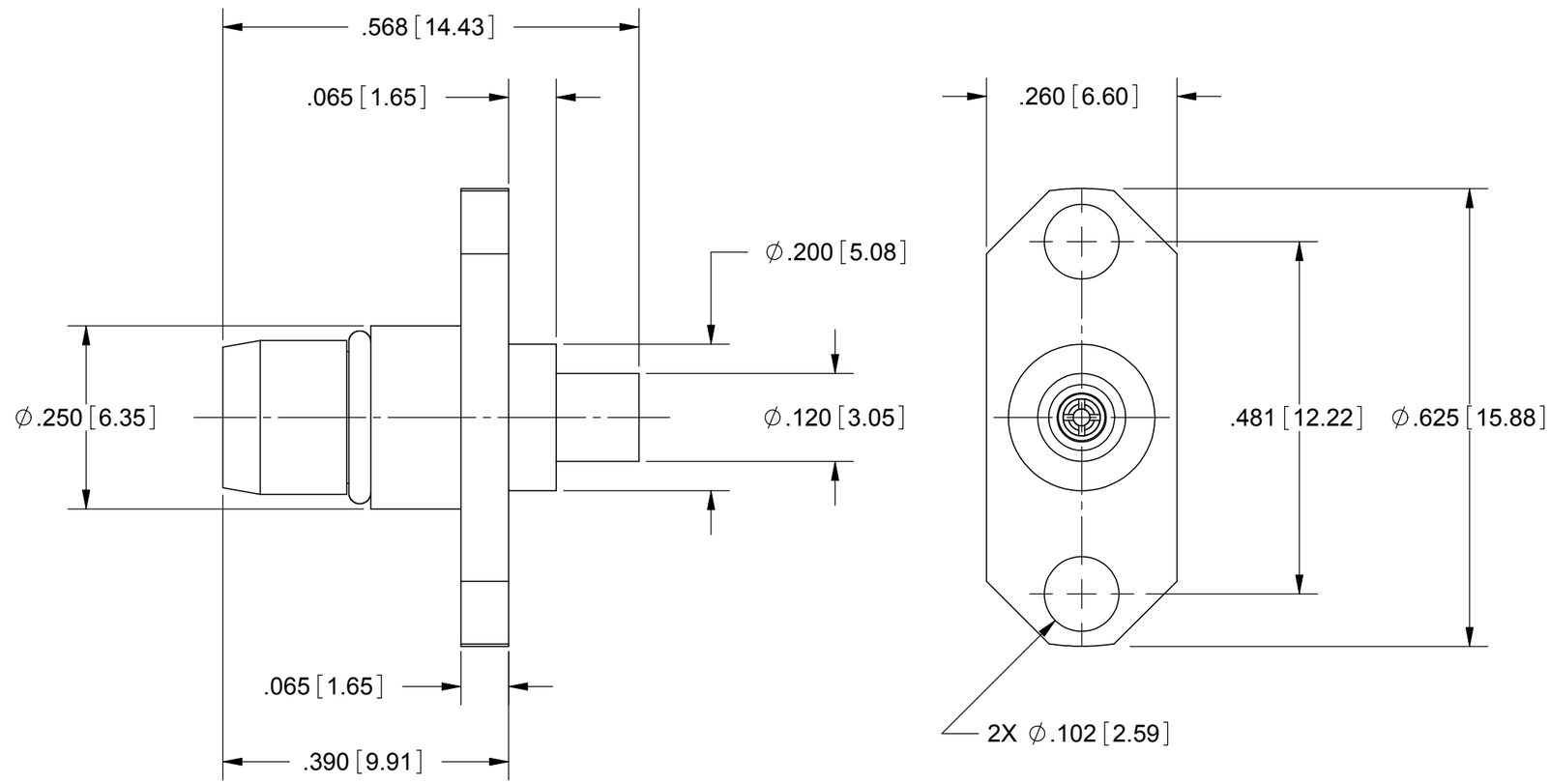


## MATERIAL:

BODY: 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

O-RING: FLUOROCARBON RUBBER PER MIL-R-83248B TYPE 1, CLASS 1

## FINISH:

BODY & CONTACT: GOLD PER ASTM B488, TYPE II, CODE C, CLASS .76, OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .00005" MIN.

## PERFORMANCE:

IMPEDANCE: 50 OHMS
FREQ. RANGE: DC TO 22.0 GHz
DWV: 1000 VRMS
INSUL. RES.: 5,000 MEGOHMS MIN.

MATERIAL: SEE NOTES
FINISH: SEE NOTES
SURFACE AREA: N/A

**PROPRIETARY**

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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: | FED | 01/13/10 |
| CHECKED: | PJS | 01/13/10 |
| APPROVED: | PJS | 01/13/10 |

**SV Microwave, Inc.**
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TITLE: BMA PLUG, FLANGE MOUNT FOR .085 S.R. CABLE

SIZE B | CAGE CODE 95077 | DWG. NO. 1711-60008

SCALE: 5:1 | SHEET 1 OF 1