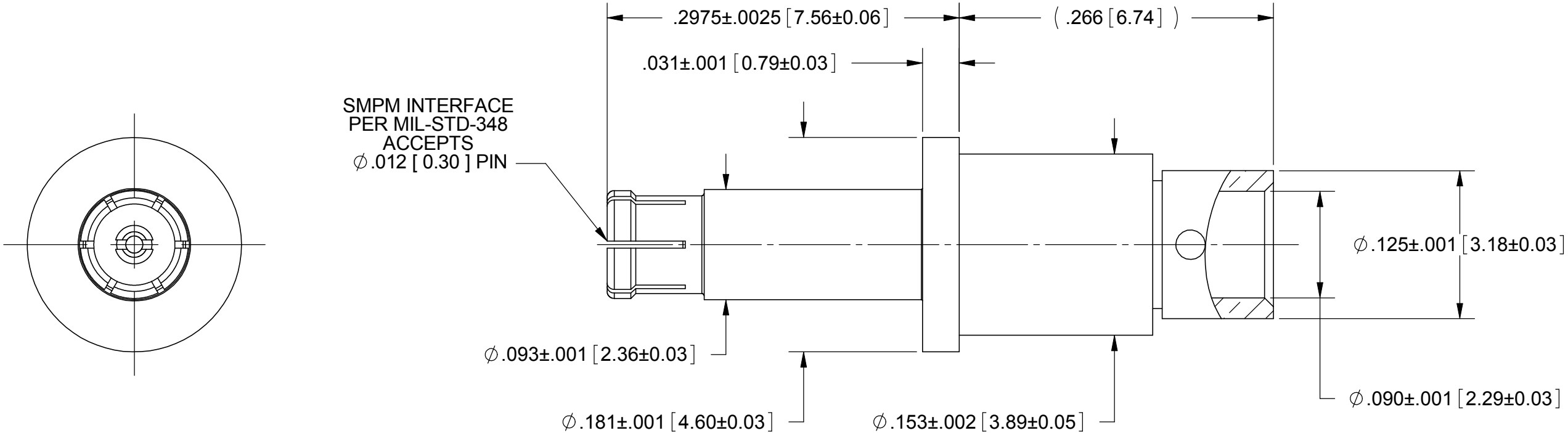


PRODUCT DATA DRAWING

| REVISION HISTORY |                |          |          |
|------------------|----------------|----------|----------|
| REV              | DESCRIPTION    | DATE     | APPROVED |
| -                | PRELIMINARY    | 09/13/07 | JM       |
| A                | REL. NRN 34347 | 09/27/07 | STW      |
| B                | DCN 35853      | 06/08    | STW      |



MATERIAL:

- BODY & CONTACT:

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

BRASS PER ASTM B16, ALLOY No. UNS 36000
- INSULATOR:

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

FINISH:

- BODY, INSERT & 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 65.0 GHz
- DWV:

325 VRMS
- OPERATING TEMP.:

-55°C TO +125°C
- VSWR:

1.10:1 DC TO 26.5GHz, 1.30:1 TYPICAL TO 50 GHz
- INSERTION LOSS:

.12 X SQRT(F(F IN GHz))
- INSUL. RESISTANCE:

5000 MEGOHMS MIN.
- CONTACT RESISTANCE

2 MILLIOHMS MAX.
- OUTER CONDUCTOR:

6 MILLIOHMS MAX.
- INNER CONDUCTOR:

PIN CONTACT

|           |           |                                                                                           |
|-----------|-----------|-------------------------------------------------------------------------------------------|
| MATERIAL: | SEE NOTES | DIMENSIONS ARE IN INCHES TOLERANCES:<br><br>FRACTIONAL: ±1/64    ANGULAR: X°    ±1°0'<br> |
|-----------|-----------|-------------------------------------------------------------------------------------------|