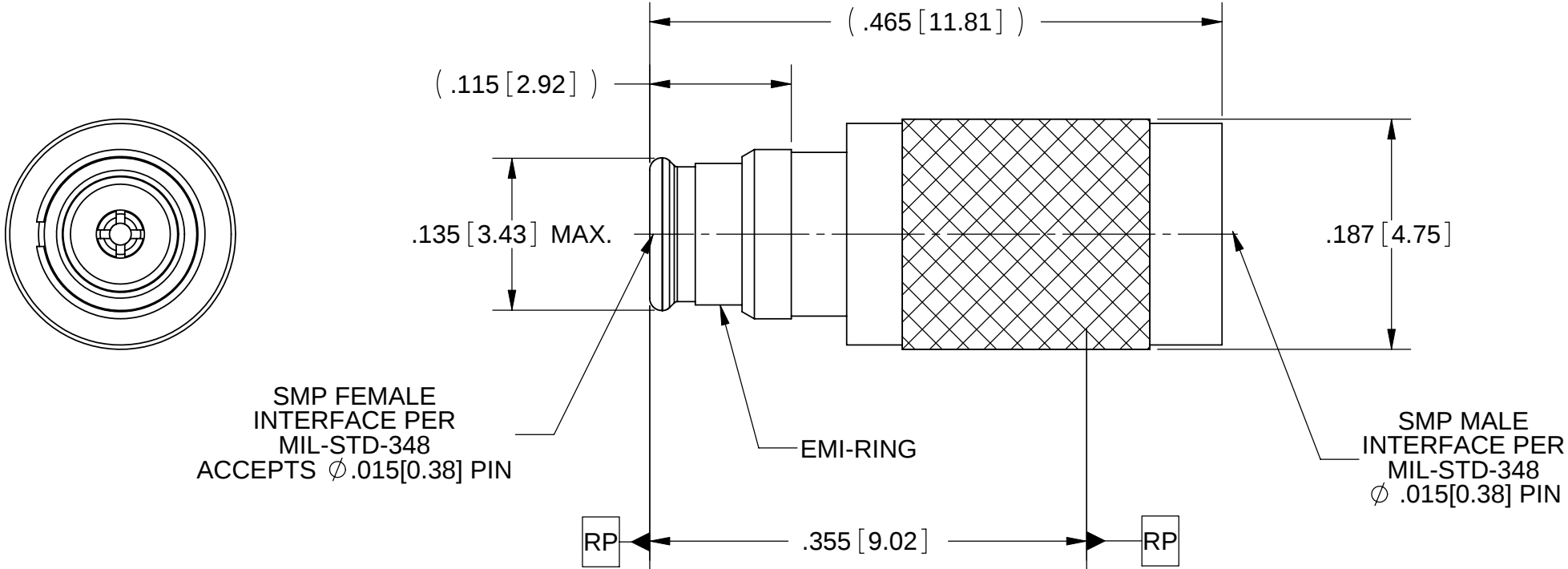


PRODUCT DATA DRAWING

| REVISION HISTORY |                |          |          |
|------------------|----------------|----------|----------|
| REV              | DESCRIPTION    | DATE     | APPROVED |
| -                | REL. DCN 35358 | 09/12/07 | STW      |
|                  |                |          |          |
|                  |                |          |          |



|                                     |                                                                                                      |
|-------------------------------------|------------------------------------------------------------------------------------------------------|
| MATERIAL:                           |                                                                                                      |
| BODY, MALE:                         | STAINLESS STEEL PER AMS-5640, ALLOY UNS S30300, TYPE 1                                               |
| BODY, FEMALE<br>EMI RING & CONTACT: | BERYLLIUM COPPER PER ASTM B196, ALLOY No. UNS C17300, TD04                                           |
| INSULATOR:                          | PTFE PER ASTM D1710, TYPE I, GRADE 1, CLASS B                                                        |
| FINISH:                             |                                                                                                      |
| BODY, MALE:                         | PASSIVATED PER AMS-2700, TYPE 2                                                                      |
| BODY, FEMALE<br>EMI RING & 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 18.0 GHz                                                                                       |
| VSWR:                               | 1.15:1 DC TO 18.0 GHz                                                                                |
| INSERTION LOSS:                     | 0.3dB MAX. DC TO 18 GHz.                                                                             |
| DWV:                                | 500 VRMS                                                                                             |
| OPERATING TEMP.:                    | -55 °C TO +125 °C                                                                                    |
| ENGAGEMENT/<br>DISENGAGEMENT:       | PER DSCC 94008                                                                                       |

| PART NUMBER | MALE INTERFACE |
|-------------|----------------|
| 1112-4009   | FULL DETENT    |
| 1112-4011   | LIMITED DETENT |
| 1112-4012   | SMOOTH BORE    |

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