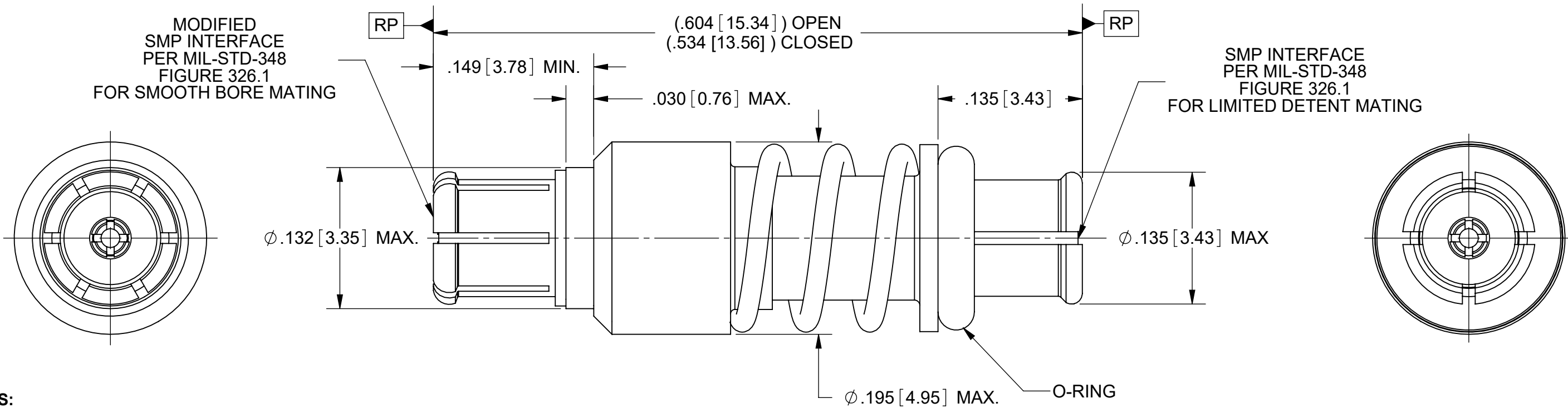


PRODUCT DATA DRAWING

| REVISION HISTORY |                |          |          |
|------------------|----------------|----------|----------|
| REV              | DESCRIPTION    | DATE     | APPROVED |
| C                | REV. DCN 40888 | 10/24/14 | FED      |
| D                | REV.DCN 51123  | 10/21/21 | STW      |
|                  |                |          |          |



MATERIALS:

BODIES, CONTACT & RET. RING: BERYLLIUM COPPER PER ASTM B196, ALLOY No. UNS C17300, TD04.

INSULATORS: PTFE PER ASTM D1710.

SPRING: STAINLESS STEEL PER AMS 5678, ALLOY S17700.

O-RING: SILICONE RUBBER PER A-A-59588, CLASS 2A, GRADE 70.

FINISHES:

BODIES: GOLD PER ASTM B488, TYPE I, GRADE C, CLASS 1.25, OVER ELECTRO-LESS NICKEL PER AMS 2404, .000050" MIN.

CONTACTS: GOLD PER ASTM B488, TYPE II, GRADE C, CLASS 1.27, OVER NICKEL PER AMS-QQ-N-290, .000050" MIN.

SPRING: PASSIVATED PER ASTM A967.

PERFORMANCE:

IMPEDANCE: 50 ± 1 OHMS

FREQ. RANGE: DC - 24 GHz

VSWR: 1.30:1, DC - 12 GHz  
1.40:1, 12 - 18 GHz  
1.60:1, 18 - 24 GHz

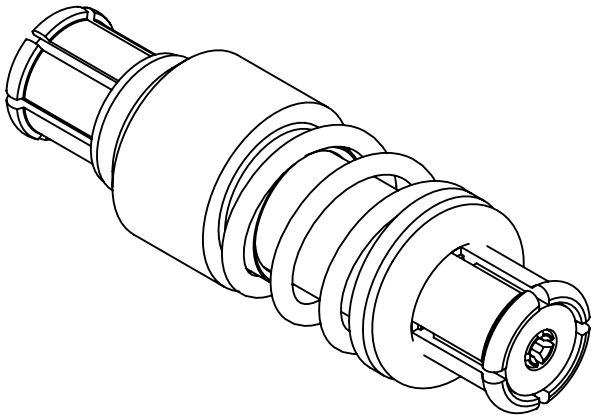
INSERTION LOSS: 0.4 dB, DC - 12 GHz  
0.6 dB, 12 - 18 GHz  
0.8 dB, 18 - 24 GHz

DWV: 500 VRMS

INSULATION RES.: 5,000 MEGOHMS MIN

WEIGHT: 0.06 OUNCES MAX

SPRING FORCE: 4 LBS MAX AT FULL DEFLECTION,  
2 LBS MIN PRELOAD.



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