

PRODUCT DATA DRAWING

| REVISION HISTORY | | | |
|------------------|-------------|------|----------|
| REV | DESCRIPTION | DATE | APPROVED |
| - | DCN 48983 | 3/25 | SEE PDM |

MATERIAL:

BODY, SLEEVE & COUPLING NUT: STAINLESS STEEL PER AMS 5640, ALLOY UNS S30300, TYPE 1 OR ASTM A582 TYPE 303, CONDITION A.

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

LOCK RING: BERYLLIUM COPPER PER ASTM B194, B196 OR B197, ALLOY No. UNS C17200 OR C17300.

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

GASKET: SILICONE RUBBER PER A-A-59588, CLASS 2B, GRADE 60/70.

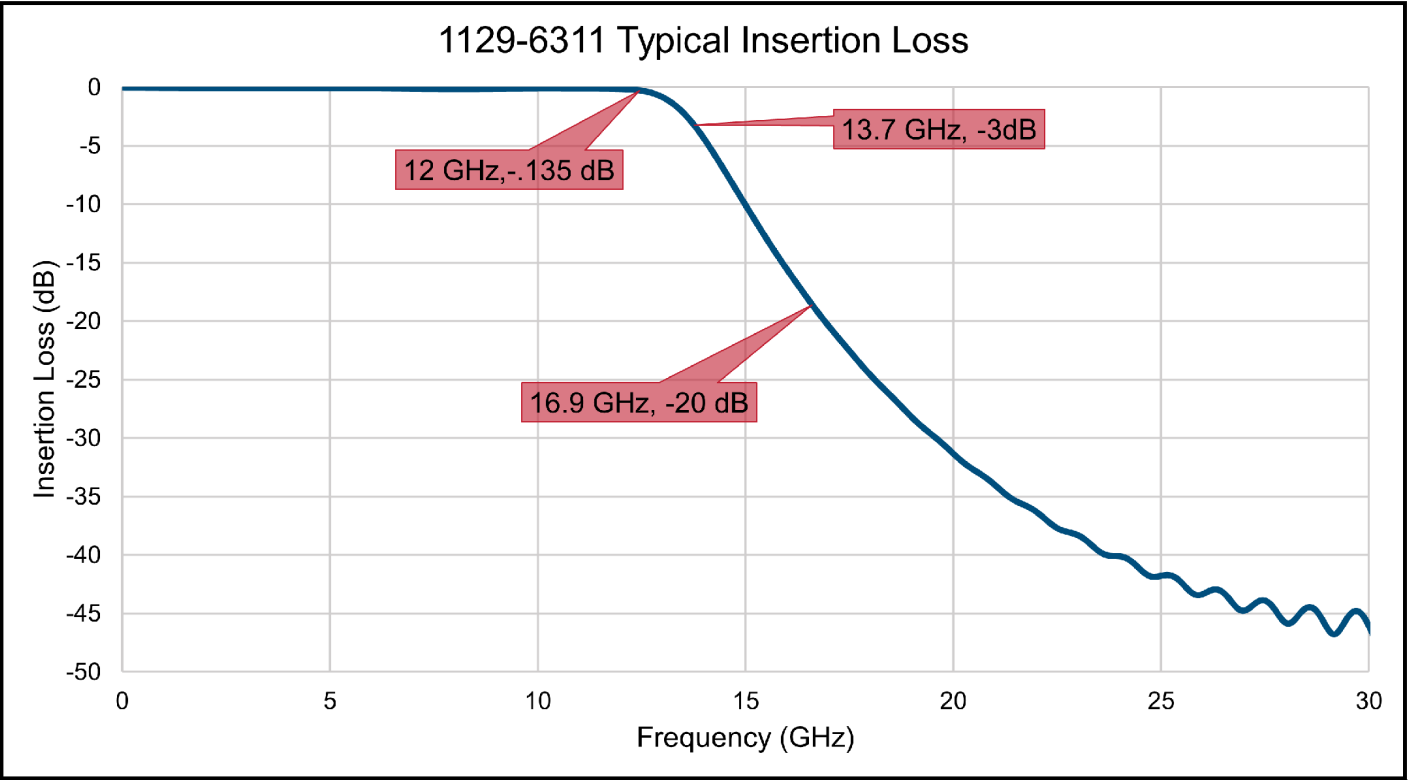
FINISH:


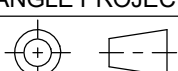
BODY, SLEEVE & COUPLING NUT: PASSIVATED PER AMS 2700

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 12.0 GHz.
VSWR: 1.30:1 MAX. DC TO 12.0 GHz.



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| MATERIAL: | SEE NOTES | DIMENSIONS ARE IN INCHES TOLERANCES: | UNLESS OTHERWISE SPECIFIED | | <div> www.svmicrowave.com</div> | | |
| FINISH: | SEE NOTES | FRACTIONAL: $\pm 1/64$ ANGULAR: X° $\pm 1^{\circ}0'$ X'X' $\pm 15'$ | 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 | | | | |
| SURFACE AREA: | N/A | DECIMAL: .X $\pm .030$.XX $\pm .010$.XXX $\pm .005$ | INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994 | | TITLE: SMA STR M-F ADAPTER, 12 GHz LOW PASS FILTER | | |
| PROPRIETARY | | THIRD ANGLE PROJECTION | DRAWN: JPM 03/07/25 | | SIZE | DWG. NO. | |
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| | | | APPROVED: SEE PDM | | | | |
| | | | | | SCALE: 6:1 | | SHEET 1 OF 1 |