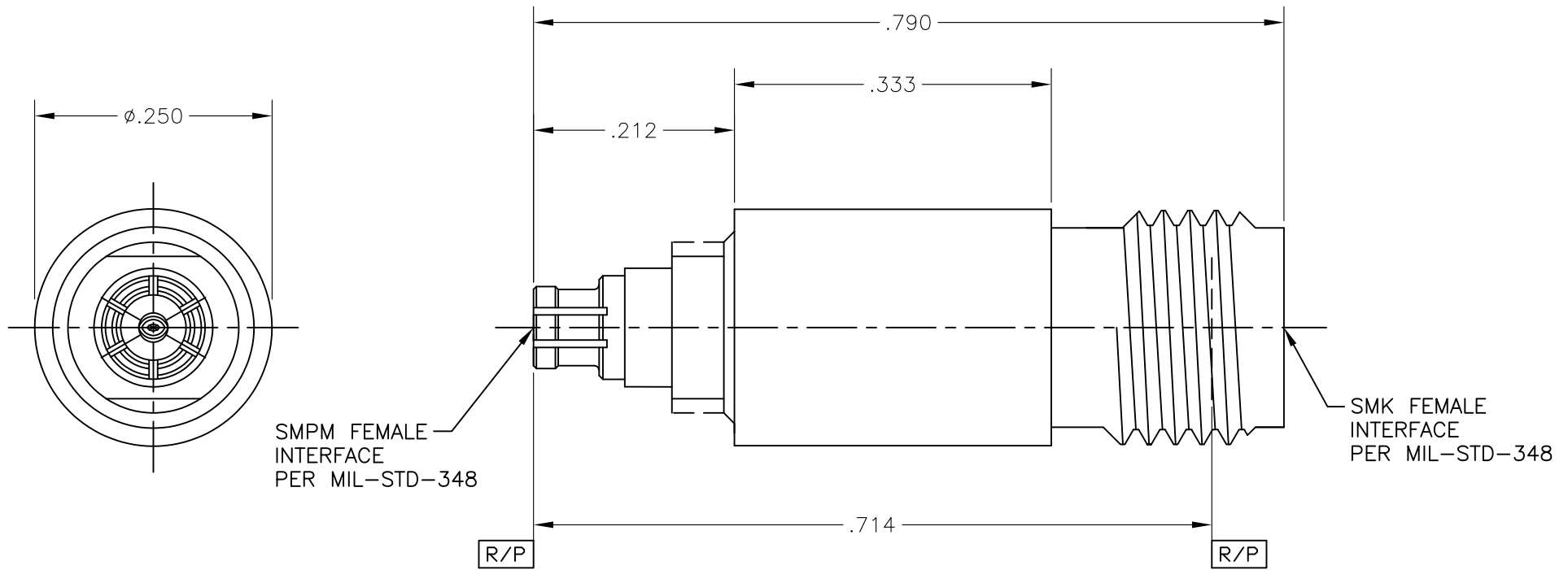



# OUTLINE DRAWING



OPERATING FREQUENCY	DC TO 40 GHz
VSWR	1.10: DC TO 18 GHz
	1.20:1 18 TO 26.5 GHz
	1.30:1 26.5 TO 40 GHz
INSERTION LOSS	0.03 $\sqrt{f}$ (GHz)
RF HIGH POT	325 Vrms MIN @ 5 MHz
INSULATION RESISTANCE	5,000 MEGOHMS MINIMUM
DWV	500 Vrms

CENTER/OUTER CONTACT RESISTANCE	6.0/2.0 mOHMS
IMPEDANCE	50 OHMS NOMINAL
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OPERATING TEMPERATURE	-65°C TO +165°C
NON-OPERATING TEMPERATURE	-65°C TO +165°C

FORCE TO ENGAGE	8.0 LBS MAXIMUM (FD); 4.0 LBS MAXIMUM (SB)
FORCE TO DISENGAGE	4.5 LBS MINIMUM (FD); 0.5 LBS MINIMUM (SB)
DURABILITY	100 CYCLES MINIMUM (FD); 500 CYCLES MINIMUM (SB)
	500 CYCLES MINIMUM (SMK F)
VIBRATION	MIL-STD-202, METHOD 204, CONDITION C, 15 G's
SHOCK	MIL-STD-202, METHOD 213, CONDITION F, 1500 G's
THERMAL SHOCK	MIL-STD-202, METHOD 107, CONDITION B-3

COMPONENT	MATERIAL & FINISH	 <b>MICRO-MODE PRODUCTS, INC.</b> <i>The Reliable Connection to the Future</i>	El Cajon, CA 92020 ph 619.449.3844 www.micromode.com	CAGE CODE 15907
BODY, CONTACT	BeCu, ASTM B196, UNS C17300 GOLD PLATE, MIL-G-45204, TYPE 1, GRADE C, CLASS 1	ASSY PROCEDURES: N/A	SMPM FEMALE TO SMK FEMALE ADAPTER	
INSULATOR	PTFE, ASTM D1710, TYPE I, GRADE 1, CLASS A	INSERTION/EXTRACTION TOOL: N/A		
		DEFAULT TOLERANCES: X.XX±.01 , X.XXX±.005	PART NO.	REVISION
		SHEET 1 OF 1	MADP-3934	C
		7-28-17 RF EB		

OUTLINE DRAWING