

PRODUCT DATA

MATERIAL:

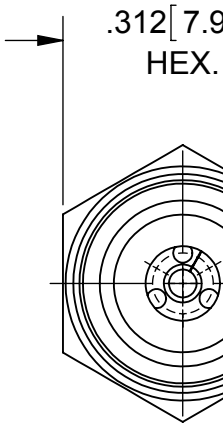
BODIES, INSERTS, & COUPLING NUT:	STAINLESS STEEL PER AMS-5640, ALLOY UNS S30300, TYPE 1
LOCK RING & CONTACTS:	BERYLLIUM COPPER PER ASTM B196, ALLOY No. UNS C17300, TD04
SLEEVE:	BRASS PER ASTM B16, ALLOY UNS No. C36000
BEADS:	ULTEM 1000
BELLOWS SPRINGS:	ELECTRO-DEPOSITED GOLD OVER NICKEL
GASKET:	SILICONE RUBBER PER A-A-59588, CLASS 2B, GRADE 50/60
RESISTOR ELEMENT:	ALUMINUM NITRIDE SUBSTRATE WITH TANTALUM NITRIDE RESISTOR: GOLD PLATED TERMINATIONS

FINISH:

BODIES, INSERTS, & COUPLING NUT:	PASSIVATED PER AMS-2700, TYPE 2
CONTACTS:	GOLD PER ASTM B488, TYPE I, CODE C, CLASS 0.51; OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .00005" MIN.
SLEEVE:	GOLD PER ASTM B 488, 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 40.0 GHz
VSWR:	1.30:1 MAX. DC TO 26.5 GHz 1.40:1 MAX. 26.5 TO 40.0 GHz
OPERATING TEMP.:	-55°C TO +125°C
AVG. POWER:	0.5 WATT (POWER INPUT DERATED LINEARLY FROM 25°C TO 0.25 WATTS AT 135°C)
PEAK POWER:	100 WATTS (PEAK POWER FOR A DUTY CYCLE OF 5X10-4 MAXIMUM PULSE DURATION OF 5 MICROSECONDS)
ENGAGEMENT/ DISENGAGEMENT:	2 IN-LBS



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dB VALUE	
0-6 dB	±
6.25-10 dB	±
10.25-20 dB	±

MATERIAL:
FINISH:
SURFACE AP
THE INFORMA IS THE SOLE F ANY REPROD WITHOUT THE SV MICROWAY