

ROHS COMPLIANT		PRODUCT DATA DRAWING		REVISION HISTORY			
REV	DESCRIPTION			DATE	APPROVED		
E	DCN 39397			09/12	STW		
MATERIAL:							
BODY, PRESS CAP & COUPLING NUT:		STAINLESS STEEL PER AMS-5640, ALLOY UNS S30300, TYPE 1					
LOCK RING:		PHOSPHOR BRONZE					
CONTACT, INSERT & END CAP		BRASS PER ASTM B16, ALLOY UNS No. C36000					
INSULATOR:		PTFE PER ASTM D1710, TYPE I, GRADE 1, CLASS B					
GASKET:		SILICONE RUBBER PER A-A-59588, CLASS 2B, GRADE 60/70					
RESISTOR ELEMENT:		ALUMINA SUBSTRATE WITH NICHROME RESISTOR					
FINISH:							
BODY, PRESS CAP & COUPLING NUT:		PASSIVATED PER AMS-2700					
CONTACT:		.000050" MIN GOLD OVER .000100" MIN NICKEL					
PERFORMANCE:							
IMPEDANCE:		50 OHMS					
FREQ. RANGE:		DC TO 18.0 GHz					
VSWR:		1.05 + .010f(GHz), DC TO 18.0 GHz					
OPERATING TEMP.:		-55°C TO +125°C					
AVG. POWER:		1 WATT (POWER INPUT DERATED LINEARLY FROM 25°C TO .5 WATTS AT 125°C)					
PEAK POWER:		50 WATTS (PEAK POWER FOR A DUTY CYCLE OF 5 X10-4 MAXIMUM PULSE DURATION OF 5 MICROSECONDS)					
CONNECTOR DURABILITY:		500 CYCLES					
ENGAGEMENT/ DISENGAGEMENT:		2.0 IN-LBS					