

MATERIAL:

BODIES, COUPLING NUT:	STAINLESS STEEL PER AMS-5640, ALLOY UNS S30300, TYPE 1
LOCK RINGS, CONTACTS:	BERYLLIUM COPPER PER ASTM B196, ALLOY No. UNS C17300, TD04
SLEEVE:	BRASS PER ASTM B16, ALLOY UNS No. C36000
BELLOWS:	ELECTRO-DEPOSITED GOLD OVER NICKEL
INSULATORS:	PTFE PER ASTM D1710, TYPE I, GRADE 1, CLASS B
GASKETS:	SILICONE RUBBER PER A-A-59588, CLASS 2B, GRADE 50/60
RESISTOR ELEMENTS:	ALUMINA SUBSTRATE WITH TANTALUM NITRIDE RESISTOR

FINISH:

BODIES, COUPLING NUT:	PASSIVATED PER AMS-2700
CONTACTS, SLEEVE:	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 18.0 GHz
VSWR:	SEE TABLE 1
OPERATING TEMP.:	-55°C TO +125°C
AVG. POWER:	2 WATT (POWER INPUT DERATED LINEARLY FROM 25°C TO 0.5 WATTS AT 125°C)
PEAK POWER:	500 WATTS (PEAK POWER FOR A DUTY CYCLE OF 5×10^{-4} MAXIMUM PULSE DURATION OF 5 MICROSECONDS)
ENGAGEMENT/ DISENGAGEMENT:	2 IN-LBS



MATERIAL:

FINISH:

SURFACE AP

THE INFORMA
IS THE SOLE F
ANY REPROD
WITHOUT THE
SV MICROWAY

PRODUCT DATA

"XX" NUMBER TO

"XX" NUMBER	dB VALUE	"XX" NUMBER	dB VALUE
01	1	19	19
02	2	20	20
03	3	27	1
04	4	28	2
05	5	29	3
06	6	30	4
07	7	31	5
08	8	32	6
09	9	33	7
10	10	34	8
11	11	35	9
12	12	36	10
13	13	37	11
14	14	38	12
15	15	39	13
16	16	40	14
17	17	41	15
18	18	42	16

MATERIAL:

FINISH:

SURFACE AP

THE INFORMA
IS THE SOLE F
ANY REPROD
WITHOUT THE
SV MICROWAY