



OPERATING FREQUENCY	DC TO 18 GHz
VSWR	1.07+.01F (GHz)
INSERTION LOSS	0.03 √f (GHz)
RF HIGH POT	670 Vrms MIN @ 5 MHz
INSULATION RESISTANCE	5,000 MEGOHMS MINIMUM
POWER (AT 6 GHz)	100W MINIMUM (SEA LEVEL/25°C)

DWV	1,000 Vrms
CENTER/OUTER CONTACT RESISTANCE	3.0/2.0 mOHMS
IMPEDANCE	50 OHMS NOMINAL
OPERATING TEMPERATURE	65°C TO +125°C
NON-OPERATING TEMPERATURE	-65°C TO +125°C

DURABILITY	500 CYCLES MINIMUM
HERMETICITY	1X10-8 CC/SEC He
VIBRATION	MIL-STD-202, METHOD 204, CONDITION D
SHOCK	MIL-STD-202, METHOD 213, CONDITION I
THERMAL SHOCK	MIL-STD-202, METHOD 107, CONDITION B (125°C)

COMPONENT	MATERIAL & FINISH
BODY & CONTACT	BeCu, ASTM B196, UNS C17300 GOLD PLATE, MIL-DTL-45204, TYPE 1, GRADE C, CLASS 1
INSULATOR	PTFE, ASTM D1710, TYPE I, GRADE 1, CLASS A



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El Cajon, CA 92020
ph 619.449.3844
www.micromode.com

CAGE CODE
15907

ASSY PROCEDURES:	SMA FEMALE, SWEPT CONTACT PCB MOUNT LEGS
INSERTION/EXTRACTION TOOL: N/A	
SHEET 1 OF 1	OL15494 9-9-16 EB MP

PART NO.	MSMA-15494	REVISION	-
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PART NO. MSMA-15494 | OUTLINE DRAWING