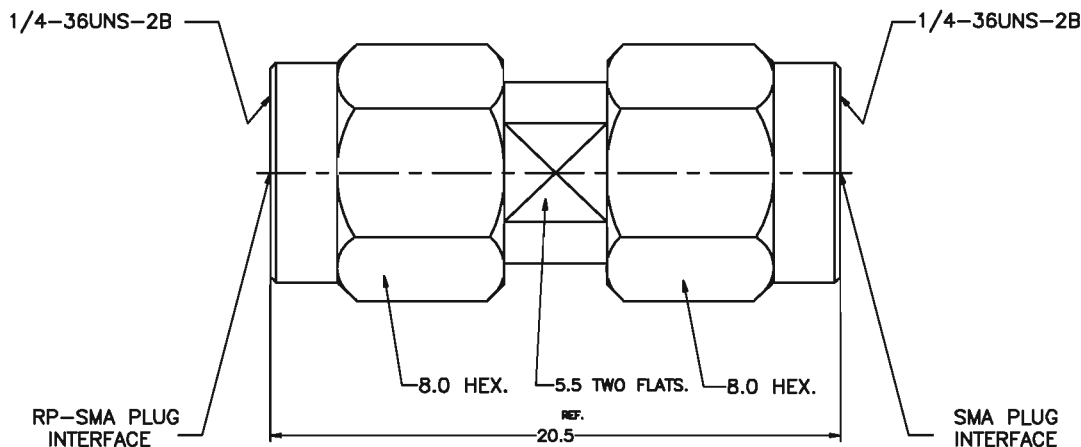


REV	DESCRIPTION	ECN NO.	NAME	DATE



ALL PARTS SATISFIED ROHS REQUIREMENTS

MATERIALS AND PLATING		UNIT: MICRO-INCHES
BODY	BRASS	GOLD PL.3/ NICKEL PL.100/COPPER
CONTACT PIN	Be-Cu C17300	GOLD PL.10/ NICKEL PL.100/COPPER
INSULATOR	TEFLON MIL-P-19468	N/A
SHELL	BRASS	GOLD PL.3/ NICKEL PL.100/COPPER
GASKET	SILICONE RUBBER	RED
RETAIN RING	STAINLESS STEEL	N/A

ELECTRICAL CHARACTERISTICS	
Impedance	50 Ω
Voltage rating	500V(rms)
Frequency range	0~6GHz
Dielectric (withstanding voltage)	1000V
Contact resistance	Center contact ≤3.0mΩ Outer contact ≤2.0mΩ
Insulation resistance	≥5000MΩ
Insertion loss	N/A
RF- leakage	N/A
VSWR	1.2 MAX.(0-6GHz)

MECHANICAL CHARACTERISTICS	
Force to engage and disengage	N/A
Contact retention force	6 lbs MIN.
Coupling torque	15 in-lbs MIN.
Coupling nut retention force	60 lbs MIN.
Durability	≥ 500 cycles

ENVIRONMENTAL CHARACTERISTICS	
Temperature range	-65°C- +165°C
Relative Humidity	MIL-STD-202,Method 106
Vibration	MIL-STD-202,Method 204,Cond D
Shock	MIL-STD-202,Method 213,Cond I
Corrosion	MIL-STD-202,Method 101,Cond B

CUSTOMER OUTLINE DRAWING

ISSUE	0	SCALE	4/1
UNLESS OTHERWISE SPECIFIED			
1) EDGES C0.15 MAX.			
2) REMOVE ALL BURRS			
3) SURFACE ROUGHNESS Ra1.6			
4) UNITS: mm			
5) DIMENSIONS DECIMALS TOLERANCES ANGLES			
.x ±0.3 °3°			
.xx ±0.15			

PART NO.	-
APPROVED	Sam
CHECKED	Sam
DRAWN	Arming
DATE	2011-10-27



TITLE	50 Ohm ADAPTER RP-SMA PLUG TO SMA PLUG
DRAWING NO.	5RMAM00S-MAM
Company Website:	http://www.superlinkrf.com

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