



CHARACTERISTICS

DESCRIPTION:

SMA Female str for PCB solder legs

Electrical data:

Impedance:	50 ohm
Frequency range:	DC to 4 GHz
VSWR:	$\leq 1.08 + 0.04 \times f[\text{GHz}]$
Insertion loss:	$\leq 0.06 \times \sqrt{f[\text{GHz}]} \text{ dB}$
Insulation resistance:	$\geq 5000 \text{ M}\Omega$
Test voltage:	1500 V rms
Working voltage:	400 V rms
Contact resistance:	
1). Centre contact:	1.5 m Ω
2). Outer conductor:	1.0 m Ω
Power handling (at 20 °C, sea level, VSWR 1.0):	80 W @ 2 GHz

Environmental data:

Temperature rating:	-65 ° C to +165 ° C
52/95/EC (RoHS):	Compliant

Mechanical data:

Mating cycles:	≥ 500
Center contact captivation:	$\geq 15 \text{ N(axial)}$

Suitable cables:

UT141,RG402,670-141