



Datasheet

Model Number : TMSR30SNFH

DC~3GHz, Gas Tube, SMA(m)-N(f) Bulkhead, 50 Ohms Lightning Surge Protector

Specifications

Frequency Range	DC-3GHz
Impedance	50 Ohms
VSWR	1.2 max
Insertion Loss	0.18dB max
Impulse Breakdown Voltage	2.5kV max(@1kv/μs)
Insulation Resistance	≥5000M ohms
Contact Resistance	Center Contact≤1 milliohms Outer Contact≤1 milliohms
DC Breakdown Voltage	90/150/230/350V±20%(100v/s)
AC Discharge Current	5A(50Hz)
Surge Discharge Current	5kA (8/20 μs)
Maximum Withstand Current	20kA (8/20 μs)
RF Peak Power	200W max
Connectors	SMA male to N female Bulkhead
Durability	Mating Cycles≥500
Housing	Nickel plated brass
Insulator	PTFE
Gasket	Silicone Rubber
Operation Temperature	-45°C~+85°C
Waterproof Rate	IP67
Working Humidity	<85°C/85%RH-48hrs
RoHS Compliant	Yes