



## Datasheet

Model Number : TMSR30S

# DC~3GHz, Gas Tube, SMA, 50 Ohms Lightning Surge Protector

## Specifications

|                           |                        |
|---------------------------|------------------------|
| Frequency Range           | DC-3GHz                |
| Impedance                 | 50 Ohms                |
| VSWR                      | 1.16 max               |
| Insertion Loss            | 0.18dB max             |
| Impulse Breakdown Voltage | 1kV max(@1kv/μs)       |
| DC Breakdown Voltage      | 230V±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 SMA female |
| Housing                   | Nickel Plated Brass    |
| Insulator                 | PTFE                   |
| Operation Temperature     | -55°C~+125°C           |
| Waterproof Rate           | IP67                   |
| Working Humidity          | <85°C/85%RH-48hrs      |
| RoHS Compliant            | Yes                    |