

## Coaxial Fixed Attenuator

**SRFS-06XXTC5**

**DC-6 GHz, 1-40 dB, 5 Watts, TNC, Bidirectional**



### Electrical

|                 |                                                                        |       |       |       |
|-----------------|------------------------------------------------------------------------|-------|-------|-------|
| Impedance       | 50 ohm                                                                 |       |       |       |
| Frequency Range | DC-6 GHz                                                               |       |       |       |
| VSWR            | 1.25 max                                                               |       |       |       |
| Input Avg Power | 5W@ 25°C ambient, derating linearly to 0.5W at 100°C                   |       |       |       |
| Peak Power      | 500W (5 micro-sec pulse width, 0.5% duty cycle)                        |       |       |       |
| Direction       | Bidirectional, TNC female to TNC male (other configurations available) |       |       |       |
| Attenuation(dB) | 1-10                                                                   | 11-20 | 21-30 | 31-40 |
| Accuracy(dB)    | ±0.5                                                                   | ±0.6  | ±0.8  | ±0.8  |

### Mechanical

|                |                                    |
|----------------|------------------------------------|
| Connector Body | Ternary alloy plated brass         |
| Heat Sink      | Black anodized aluminum            |
| Center Contact | Gold plated beryllium copper/brass |
| Net Weight     | Approx 90 g                        |

### Environmental

|                         |                  |
|-------------------------|------------------|
| Operating Temperature   | -55°C to 100°C   |
| Storage Temperature     | -55°C to 125°C   |
| RoHS                    | Compliant        |
| Temperature Coefficient | <0.0004 dB/dB/°C |

### Dimensions(mm)

