

## Coaxial Fixed Attenuator

**SRFS-ATB04XXSC2**

**DC-4 GHz, 1-60 dB, 2 Watts, SMA, Bidirectional**



### Electrical

|                        |                                                                        |      |       |       |      |      |      |
|------------------------|------------------------------------------------------------------------|------|-------|-------|------|------|------|
| <b>Impedance</b>       | 50 ohm                                                                 |      |       |       |      |      |      |
| <b>Frequency Range</b> | DC-4 GHz                                                               |      |       |       |      |      |      |
| <b>VSWR</b>            | 1.2 max                                                                |      |       |       |      |      |      |
| <b>Input Avg Power</b> | 2W@ 25°C ambient, derating linearly to 0.2W at 100°C                   |      |       |       |      |      |      |
| <b>Peak Power</b>      | 200W (5 micro-sec pulse width, 0.5% duty cycle)                        |      |       |       |      |      |      |
| <b>Direction</b>       | Bidirectional, SMA female to SMA male (other configurations available) |      |       |       |      |      |      |
| <b>Attenuation(dB)</b> | 1-6                                                                    | 7-12 | 13-20 | 21-30 | 40   | 50   | 60   |
| <b>Accuracy(dB)</b>    | ±0.4                                                                   | ±0.5 | ±0.5  | ±0.7  | ±0.7 | ±0.7 | ±0.8 |

### Mechanical

|                       |                                    |
|-----------------------|------------------------------------|
| <b>Connector Body</b> | Passivated stainless steel         |
| <b>Heat Sink</b>      | N/A                                |
| <b>Center Contact</b> | Gold plated beryllium copper/brass |
| <b>Net Weight</b>     | Approx 6 g                         |

### Environmental

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

### Dimensions(mm)

