

## Coaxial Fixed Attenuator

**SRFS-40P-XX**



**DC-40 GHz, 1-30 dB, 2 Watts, SMP, Bidirectional**

### Electrical

|                        |                                                      |  |  |
|------------------------|------------------------------------------------------|--|--|
| <b>Impedance</b>       | 50 ohm                                               |  |  |
| <b>Frequency Range</b> | DC-40 GHz                                            |  |  |
| <b>VSWR</b>            | 1.4 max                                              |  |  |
| <b>Input Avg Power</b> | 2W@ 25°C ambient, derating linearly to 0.5W at 100°C |  |  |
| <b>Peak Power</b>      | 20W (5 micro-sec pulse width, 1% duty cycle)         |  |  |
| <b>Direction</b>       | Bidirectional, SMP female to SMP male (Full detent)  |  |  |

|                        |           |           |           |
|------------------------|-----------|-----------|-----------|
| <b>Attenuation(dB)</b> | 1-10      | 20        | 30        |
| <b>Accuracy(dB)</b>    | -1.2/+1.2 | -1.2/+1.2 | -1.5/+1.5 |

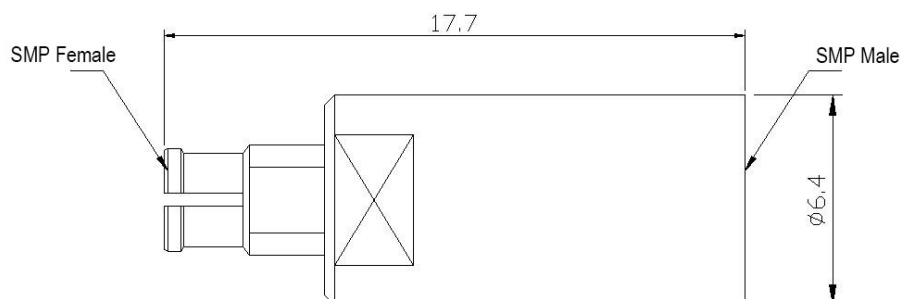
### Mechanical

|                       |                                                                   |
|-----------------------|-------------------------------------------------------------------|
| <b>Connector Body</b> | Passivated stainless steel for male & Gold plated BeCu for female |
| <b>Center Contact</b> | Gold plated BeCu/brass                                            |
| <b>Net Weight</b>     | Approx 5 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)



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### Typical Test Data

