



## 2.92 mm Female 2 Hole Connector (SRFS-360S12F04)

### Electrical & Mechanical Specifications

|                                 |                                                   |
|---------------------------------|---------------------------------------------------|
| Characteristics Impedance       | 50 ohm                                            |
| Frequency Range                 | DC-40GHz                                          |
| Insertion Loss                  | 0.35 dB Max @ 40 GHz                              |
| VSWR                            | ≤1.10:1 @27 GHz , ≤1.15:1 @ 40 GHz                |
| Dielectric Withstanding Voltage | ≥1200V RMS,50Hz,at sea level                      |
| Working Voltage                 | 1000Vrms,50 Hz at sea level                       |
| Contact Resistance              | Center Contact ≤ 3.0 mΩ<br>Outer Contact ≤ 2.0 mΩ |
| Dielectric Resistance           | ≥5000MΩ                                           |
| RF Leakage                      | -90 dBm min                                       |
| Durability                      | Mating cycles ≥500                                |
| Recommended Mating Torque       | 0.9~1.13 Nm/8~10 lbs                              |
| Proof Torque                    | 1.7 Nm/ 15.0 lbs                                  |

### Material & Plating

|                  | Material                 | Plating               |
|------------------|--------------------------|-----------------------|
| Body             | Stainless Steel (SU303F) | Polished & Passivated |
| Insulator        | PEI                      | -                     |
| Center conductor | Beryllium Copper         | Au                    |

### Environmental Data

|                      |                                      |
|----------------------|--------------------------------------|
| Temperature Range    | -40°C~+85°C                          |
| Corrosion Resistance | MIL-STD-202, Method 101, Condition B |
| Moisture Resistance  | MIL-STD-202, Method 106,             |
| Thermal Shock        | MIL -STD-202,Method 107 Condition B  |
| Vibration            | MIL -STD-202,Method 204 Condition D  |