

# QRJ1-18000-12

Single Channel, DC~18GHz, 12.7mm

- |                               |                              |
|-------------------------------|------------------------------|
| Features:                     | Applications:                |
| * Low VSWR                    | * High Speed Digital Signal  |
| * Low VSWR Flatness           | Transmission                 |
| * Low Insertion Loss Flatness | * Analog Signal Transmission |

## Electrical

Frequency:	DC~18GHz
VSWR:	1.4 max.
VSWR Flatness:	0.05 max.
Insertion Loss:	0.3dB max.
Insertion Loss Flatness:	0.05 dB max.
Phase Flatness:	1° max.
Average Power:	500W max. @1GHz
	200W max. @6GHz
	100W max. @12GHz
	30W max. @18GHz
Peak Power:	3000W max.
IP Grade:	IP40 acc. EN 60529

## Mechanical

Connectors:	SMA female
Rotating Speed:	250RPM max.
Starting Torque:	0.5N.cm max.
Connector Axial Load:	±0.1N max.
Rotating Torque:	0.5 N.cm max.
Connector Radial Load:	±0.1N max.
Operation Life:	10M Cycles
Dielectric:	PTFE

## How To Order

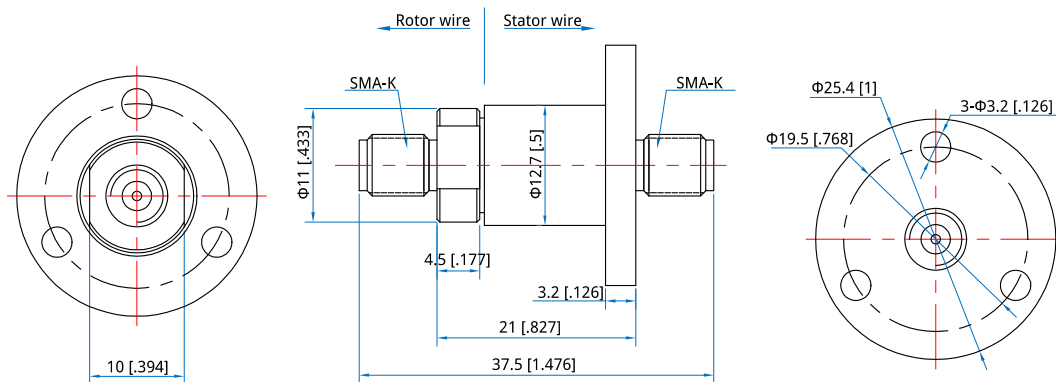
**QRJ1-18000-12**

Customization is available upon request.

## Environmental

Temperature: -55~+85°C

## Outline Drawings



Unit: mm [in]  
Tolerance: ±0.2mm [±0.008in]