QCCJ

High Power, High Isolation

Features:
* High Power
* High Isolation
* Low Insertion Loss
* Low VSWR

Applications:
* Wireless
* Radar
* Laboratory Test

Description

QCCJ series coaxial circulators cover frequency range 800~2500MHz. High power, high isolation and low insertion loss make it ideal for a lot of applications like amplifiers, transceivers, etc.

Specifications

Part Number	Frequency Range (MHz)	Insertion Loss (dB, max.)	Isolation (dB, min.)	VSWR (max.)	Temperature (°C)
QCCJ-800-900	800~900	0.3	23	1.2	-30 ~ +70
QCCJ-960-1215	960~1215	0.4	20	1.25	-30 ~ +70
QCCJ-1450-1700	1450~1700	0.4	20	1.25	-20 ~ +65
QCCJ-1500-2000	1500~2000	0.5	18	1.3	0 ~ +70
QCCJ-1600-2000	1600~2000	0.4	20	1.25	-20 ~ +65
QCCJ-1700-2200	1700~2200	0.5	20	1.25	-30 ~ +70
QCCJ-1700-2400	1700~2400	0.6	18	1.3	-40 ~ +70
QCCJ-1800-2400	1800~2400	0.5	18	1.3	-40 ~ +70
QCCJ-2000-2500	2000~2500	0.4	20	1.25	-40 ~ +70

Power Handling

Forward Power[*1]: 100W
Forward Power[*2]: 200W
Reverse Power[*1]: 100W
Reverse Power[*2]: 200W

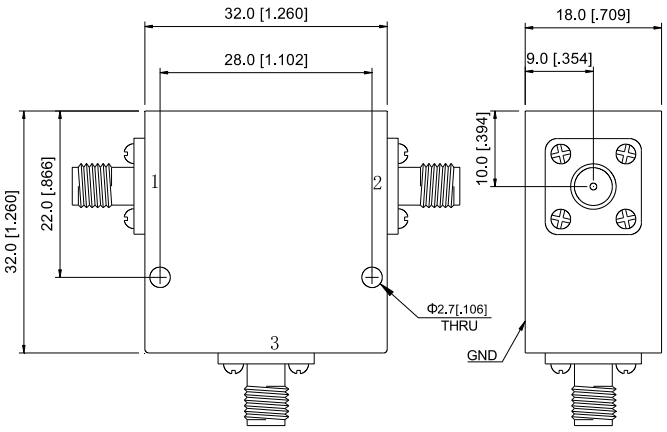
[1] SMA connector.
[2] N connector.

Mechanical

Size[*3]: 32.0*32.0*18.0mm
1.260*1.260*0.709in
Connectors: N, SMA

[3] Exclude connectors.

Outline Drawings



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

How To Order

QCCJ-X-Y-Z

X: Start frequency in MHz
Y: Stop frequency in MHz
Z: Connector type

Connector naming rules:
S - SMA
N - N
Male Connector - Add‘M’after connector name

Examples:
To order a QCCJ series circulator, 800-900MHz, N female, specify QCCJ-800-900-N.

Customization is available upon request.