

QCCP

High Power, High Isolation

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

Applications:
 * Wireless
 * Radar
 * Laboratory Test

Description

QCCP series coaxial circulators cover frequency range 8000~20000MHz. 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)
QCCP-8000-10000	8000~10000	0.4	20	1.2	-40 ~ +85
QCCP-9300-9500	9300~9500	0.3	23	1.2	-40 ~ +85
QCCP-10000-13000	10000~13000	0.4	21	1.2	-40 ~ +85
QCCP-10000-15000	10000~15000	0.6	18	1.35	-40 ~ +85
QCCP-10700-13300	10700~13300	0.35	23	1.2	-40 ~ +85
QCCP-12000-18000	12000~18000	0.6	18	1.35	-40 ~ +85
QCCP-13750-14500	13750~14500	0.3	23	1.2	-40 ~ +85
QCCP-13800-17800	13800~17800	0.5	18	1.3	-40 ~ +85
QCCP-15500-16500	15500~16500	0.3	23	1.2	-40 ~ +85
QCCP-17700-19700	17700~19700	0.5	20	1.2	-40 ~ +85
QCCP-18000-20000	18000~20000	0.5	20	1.2	-40 ~ +85

Power Handling

Forward Power: 30W

Reverse Power: 30W

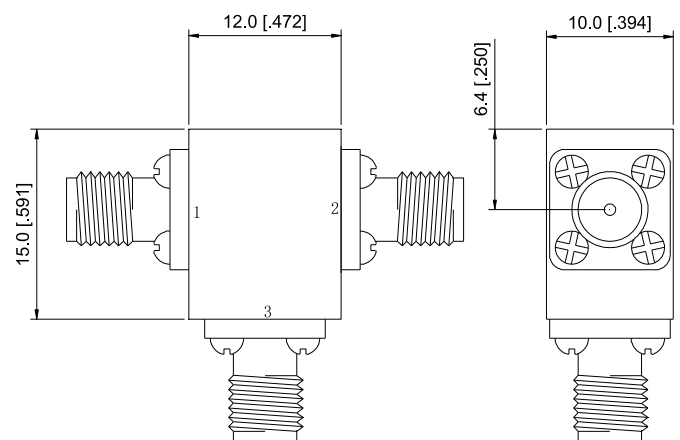
Mechanical

Size^{*1}: 12.0*15.0*10.0mm
 0.472*0.591*0.394in

Connectors: SMA

[1] Exclude connectors.

Outline Drawings



Unit: mm [inch]

Tolerance: $\pm 0.2\text{mm}$ [$\pm 0.008\text{in}$]

How To Order**QCCP-X-Y-Z**

X: Start frequency in MHz

Y: Stop frequency in MHz

Z: Connector type

Connector naming rules:

S - SMA

Male Connector - Add 'M' after connector name

Examples:

To order a QCCP series circulator, 8000-10000MHz, SMA female, specify QCCP-8000-10000-S.

Customization is available upon request.