

QSC12R5

High Power, High Isolation

Features:

- * High Power
- * High Isolation
- * Low Insertion Loss
- * Low VSWR

Applications:

- * Wireless
- * Radar
- * Laboratory Test

Description

QSC12R5 series Surface Mount Circulators cover frequency range 800~6000MHz. High power, high isolation and low insertion loss make it ideal for a lot of applications like amplifiers, transceivers, etc.

Specifications

Frequency (MHz)	Bandwidth (MHz)	IL (dB Max.)	Isolation (dB Min.)	VSWR (Max.)	Average Power (W)	Temperature (°C)
790 ~ 810	20	0.4	20	1.25	60	-40 ~ +85
800 ~ 830	30	0.4	20	1.25	60	-40 ~ +85
900 ~ 930	30	0.4	20	1.25	60	-40 ~ +85
930 ~ 960	30	0.3	20	1.25	60	-40 ~ +85
1420 ~ 1450	30	0.4	20	1.25	60	-40 ~ +85
1710 ~ 1785	75	0.4	20	1.25	60	-40 ~ +85
1805 ~ 1880	75	0.4	20	1.25	60	-40 ~ +85
1930 ~ 1990	60	0.3	20	1.2	60	-40 ~ +85
2110 ~ 2170	60	0.3	23	1.2	60	-40 ~ +85
2400 ~ 2500	100	0.3	21	1.2	60	-40 ~ +85
4400 ~ 5000	600	0.5	18	1.3	60	-40 ~ +85
5700 ~ 5900	200	0.4	20	1.25	60	-40 ~ +85

Mechanical

Size: $\Phi 12.5 \times 7 \text{mm}$
 $\Phi 0.492 \times 0.276 \text{in}$

How To Order

QSC12R5-W-X-Y-Z

W: Start frequency in MHz

X: Stop frequency in MHz

Y: Average power in W

Z: Direction type

Direction Naming Rules:

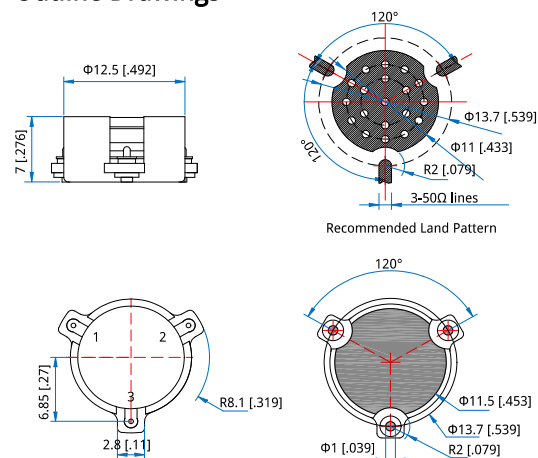
1 - Clockwise

2 - Anticlockwise

Examples:

To order a QSC12R5 series Circulator, 2.4~2.5GHz, 60W, Clockwise, specify QSC12R5-2400-2500-60-1.

Outline Drawings



Unit: mm [inch]

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

Customization is available upon request.