QSCC
High Power, High Isolation

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

Applications:
* Wireless
* Radar
* Laboratory Test

Description
QSCC series Surface Mount Circulators cover frequency range 1550~14500MHz. 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)
QSCC-1550-1620	1550~1620	0.5	20	1.25	-40 ~ +85
QSCC-1616-1620	1616~1620	0.45	20	1.25	-40 ~ +85
QSCC-1710-1785	1710~1785	0.4	20	1.25	-40 ~ +85
QSCC-1805-1880	1805~1880	0.35	20	1.25	-40 ~ +85
QSCC-1920-1990	1920~1990	0.35	20	1.25	-40 ~ +85
QSCC-2110-2170	2110~2170	0.35	20	1.25	-40 ~ +85
QSCC-2300-2500	2300~2500	0.4	20	1.25	-40 ~ +85
QSCC-2400-2500	2400~2500	0.3	21	1.2	-40 ~ +90
QSCC-2400-2600	2400~2600	0.4	20	1.25	-40 ~ +85
QSCC-2500-2700	2500~2700	0.4	20	1.25	-40 ~ +85
QSCC-4400-5000	4400~5000	0.5	18	1.3	-20 ~ +65
QSCC-5000-6000	5000~6000	0.5	18	1.3	-20 ~ +65
QSCC-5000-5500	5000~5500	0.4	20	1.25	-40 ~ +85
QSCC-5200-5800	5200~5800	0.4	20	1.25	-40 ~ +85
QSCC-5500-6000	5500~6000	0.4	20	1.25	-40 ~ +85
QSCC-5800-6200	5800~6200	0.4	20	1.25	-40 ~ +85
QSCC-6200-6800	6200~6800	0.4	20	1.25	-40 ~ +85
QSCC-6500-7000	6500~7000	0.4	20	1.25	-40 ~ +85
QSCC-7000-8000	7000~8000	0.4	20	1.25	-40 ~ +85
QSCC-7900-8400	7900~8400	0.4	20	1.25	-40 ~ +85
QSCC-8500-9500	8500~9500	0.5	20	1.25	-40 ~ +85
QSCC-9000-10000	9000~10000	0.5	20	1.25	-40 ~ +85
QSCC-10700-11700	10700~11700	0.5	20	1.25	-40 ~ +85
QSCC-13750-14500	13750~14500	0.5	20	1.25	-40 ~ +85

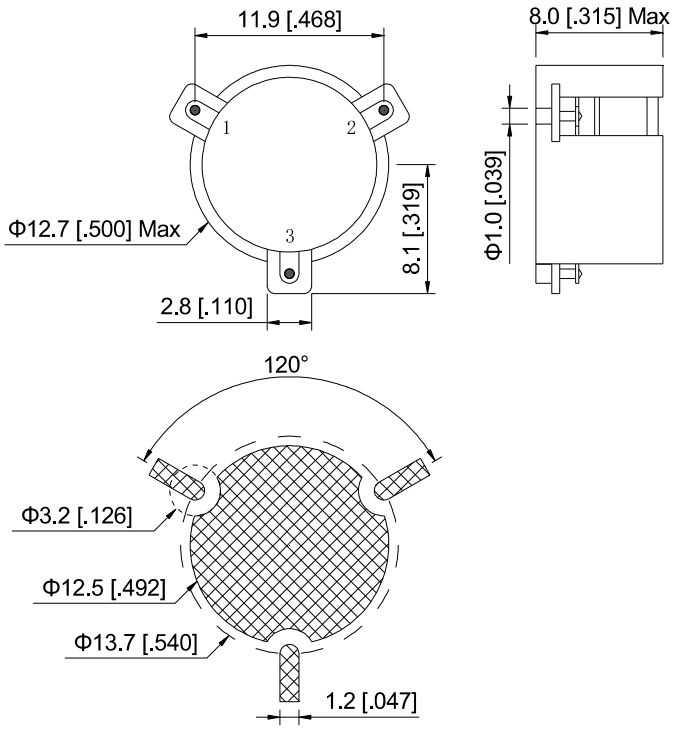
Power Handling

Forward Power: 30W
Reverse Power: 30W

Mechanical

Size: Φ12.7*8.0mm
Φ0.500*0.315in

Outline Drawings



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

How To Order

QSCC-X-Y

X: Start frequency in MHz
Y: Stop frequency in MHz

Examples:
To order a QSCC series circulator, 1550-1620MHz, specify QSCC-1550-1620.

Customization is available upon request.