

NSC25R4

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

Description

NSC25R4 series Surface Mount Circulators cover frequency range 200~3600MHz. High power, high isolation and low insertion loss make it ideal for a lot of applications like amplifiers, transceivers, etc.

Specifications

Part Number	Frequency (MHz)	Isolation (dB Min.)	VSWR (Max.)	IL (dB Max.)	Connector	Average Power (W)	Temperature (°C)
NSC25R4210220	210 ~ 220	18	1,3	0,6	SMT	100W	-40 ~ +85
NSC25R4220230	220 ~ 230	18	1,3	0,5	SMT	100W	-40 ~ +85
NSC25R4250270	250 ~ 270	18	1,3	0,5	SMT	100W	-40 ~ +85
NSC25R4300320	300 ~ 320	20	1,25	0,5	SMT	100W	-40 ~ +85
NSC25R4350370	350 ~ 370	20	1,25	0,4	SMT	100W	-40 ~ +85
NSC25R4380460	380 ~ 460	17	1,35	0,5	SMT	100W	-40 ~ +85
NSC25R4400470	400 ~ 470	18	1,3	0,5	SMT	100W	-40 ~ +85
NSC25R4410425	410 ~ 425	25	1,15	0,3	SMT	100W	-40 ~ +85
NSC25R4430470	430 ~ 470	20	1,25	0,4	SMT	100W	-40 ~ +85
NSC25R4450512	450 ~ 512	20	1,25	0,5	SMT	100W	-40 ~ +85
NSC25R4490510	490 ~ 510	25	1,15	0,25	SMT	100W	-40 ~ +85
NSC25R4600700	600 ~ 700	21	1,2	0,3	SMT	100W	-40 ~ +85
NSC25R4700803	700 ~ 803	23	1,2	0,3	SMT	100W	-40 ~ +85
NSC25R48001000	800 ~ 1000	19	1,25	0,4	SMT	100W	-40 ~ +85
NSC25R4860960	860 ~ 960	23	1,25	0,3	SMT	100W	-40 ~ +85
NSC25R4869894	869 ~ 894	25	1,15	0,2	SMT	100W	-40 ~ +85
NSC25R4925960	925 ~ 960	25	1,15	0,2	SMT	100W	-40 ~ +85
NSC25R49501250	950 ~ 1250	18	1,3	0,5	SMT	100W	-40 ~ +85
NSC25R411501650	1150 ~ 1650	15	1,45	0,5	SMT	100W	-40 ~ +85
NSC25R412001400	1200 ~ 1400	23	1,2	0,3	SMT	100W	-40 ~ +85
NSC25R413001800	1300 ~ 1800	16	1,4	0,5	SMT	100W	-40 ~ +85
NSC25R415001700	1500 ~ 1700	23	1,2	0,3	SMT	100W	-40 ~ +85
NSC25R417102170	1710 ~ 2170	20	1,25	0,4	SMT	100W	-40 ~ +85
NSC25R418051880	1805 ~ 1880	25	1,15	0,2	SMT	100W	-40 ~ +85
NSC25R419201990	1920 ~ 1990	25	1,15	0,2	SMT	100W	-40 ~ +85
NSC25R420002500	2000 ~ 2500	20	1,25	0,5	SMT	100W	-40 ~ +85
NSC25R423002500	2300 ~ 2500	25	1,15	0,25	SMT	100W	-40 ~ +85
NSC25R423002700	2300 ~ 2700	23	1,2	0,3	SMT	100W	-40 ~ +85
NSC25R424002600	2400 ~ 2600	25	1,15	0,25	SMT	100W	-40 ~ +85
NSC25R424962690	2496 ~ 2690	25	1,15	0,25	SMT	100W	-40 ~ +85
NSC25R425002700	2500 ~ 2700	25	1,15	0,25	SMT	100W	-40 ~ +85
NSC25R427003100	2700 ~ 3100	23	1,2	0,25	SMT	100W	-40 ~ +85
NSC25R430003600	3000 ~ 3600	20	1,25	0,3	SMT	100W	-40 ~ +85

Mechanical

Size: $\Phi 25.4 \times 9.5\text{mm}$
 $\Phi 1 \times 0.374\text{in}$

How To Order

NSC25R4-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:

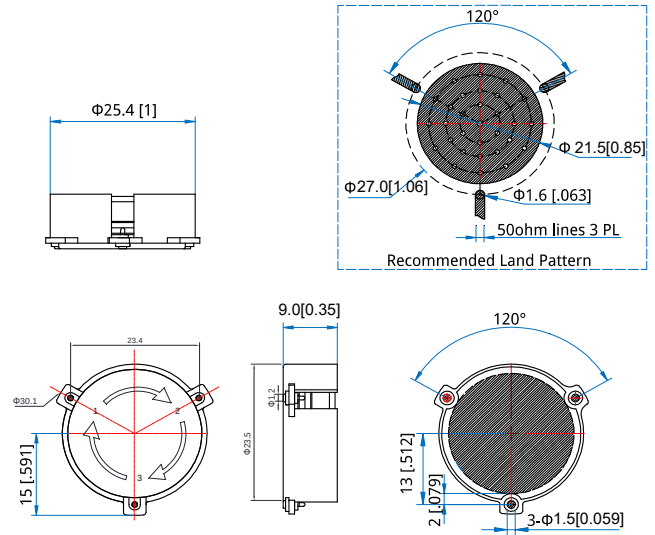
- 1 - Clockwise
- 2 - Anticlockwise

Examples:

To order a NSC25R4 series Circulator, 0.41~0.425GHz, 100W, Clockwise, specify NSC25R4-410-425-K1-1.

Customization is available upon request.

Outline Drawings



Unit: mm [inch]

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