



Chip Network Fixed Resistors

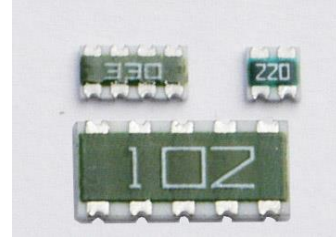
Model No.

NCR***

■ Features

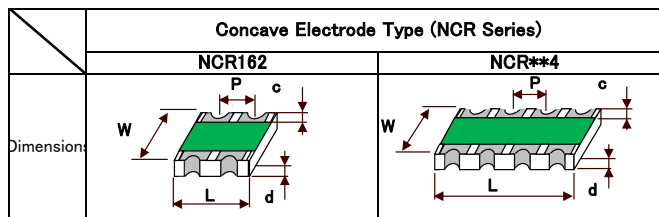
Due to the use of a metal-based glaze Thick Film,
[Excellent heat resistance and weather resistance.](#)

• Complies with [European RoHS Compliance.](#)



■ Dimensions

Product Name	L	W	t	c	d	P
NCR104	2.00±0.10	1.00±0.10	0.35±0.05	0.20±0.10	0.28±0.10	0.50
NCR162	1.60±0.15	1.60±0.15	0.45±0.10	0.35±0.15	0.40±0.15	0.80
NCR164	3.20±0.15	1.60±0.15	0.45±0.10	0.35±0.15	0.40±0.15	0.80
NCR168	6.40±0.20	1.60±0.20	0.45±0.10	0.35±0.15	0.40±0.15	0.80
NCR3A8 NCR3B8	6.40±0.20	3.10±0.2	0.55±0.10	0.50±0.30	0.50±0.3	1.27



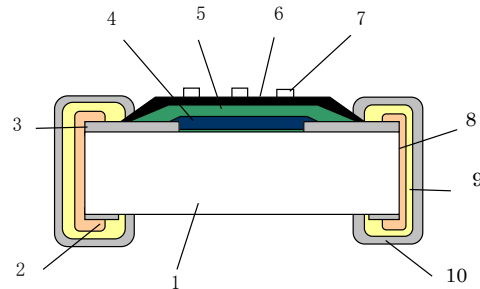
■ Specifications

Product Name	Rated Power (W)	Resistance Value Tolerance	Resistance Value Range (Ω)	TCR (ppm/°C)	Max. Working voltage	Max. Overload voltage
NCR104	0.0315 Note 1)	J-grade (±5%)	10 to 1 MΩ	±200	50V	100V
NCR162	0.063					
NCR164	0.063					
NCR168	0.063					
NCR3A8 NCR3B8	0.063					

compatible with Rated Power 0.063W/element. Operating Temperature Range: -55° C to +155° C

■ Structure

Product Name	NCR104, NCR162, NCR164, NCR168, NCR3A8/NCR3B8
No.	Component Name
1	Ceramic Substrate
2	Back Electrode
3	Surface Electrode
4	Resistor
5	Protective coat I
6	Protective coat II
7	Marking
8	Side electrode
9	Ni plating
10	Sn Plating



*Design and specifications are subject to change without notice. Please confirm before purchase and use.