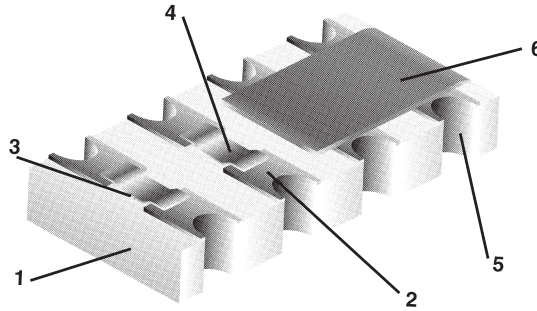
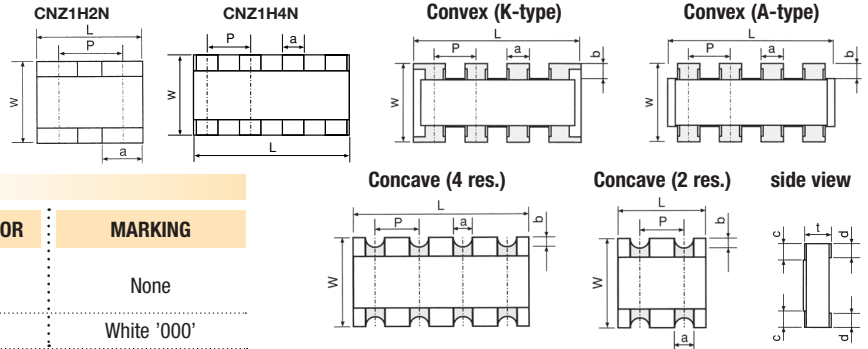
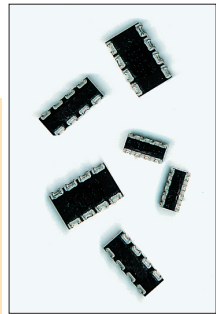


JUMPER NETWORKS
ZERO OHM
CONVEX AND CONCAVE TERM.
CNZ



STRUCTURE

- 1 Ceramic substrate
- 2 Inner electrode
- 3 Silver element
- 4 Inner glass passivation
- 5 Outer electrode
- 6 Protective coating



IDENTIFICATION

TYPE	BODY COLOR	MARKING
CNZ (concave)	Green	None
CNZ 1F 8 K		
CNZ (convex)	Black	White '000'

TYPE DESIGNATION (HOW TO ORDER)

CNZ	1J	4	K	T	TD
PRODUCT CODE	STYLE 1H, 1E, 1F 1J, 2A, 2B	NO. OF ELEMENTS 2, 4, 8	TERMINATION STYLE Optional: 'Blank', N, A or K	TERMINATION SURFACE MATERIAL T: Sn (L: Sn/Pb)	TAPING* TD, TE, BK *Please see "PACKAGING"

Contact us when you have control request for environmental hazardous material other than the substance specified by EU-RoHS

Products with Pb-free terminations meet EU-RoHS requirements

AVAILABLE TYPES AND DIMENSIONS (mm)

SIZE	TYPE	L	W	c	d	t	a (top)	a (bottom)	b	P (ref.)
NEW 0302 (2 x 02015)	CNZ 1H 2N	0.80 ± 0.1	0.6 ± 0.1	0.15 ± 0.1	0.15 ± 0.1	0.35 ± 0.1	0.3 ± 0.10	-	-	(0.5)
NEW 0604 (2 x 02015)	CNZ 1H 4N	1.40 ± 0.1	0.6 ± 0.08	0.1 ± 0.08	0.2 ± 0.08		0.2 ± 0.10	-	-	(0.4)
NEW 0404 (2 x 0402)	CNZ 1E 2	1.00 ± 0.1	1.0 ± 0.1	0.2 ± 0.1	0.25 ± 0.1	0.45 ± 0.1	0.3 ± 0.10	0.3 ± 0.1	0.07 ± 0.05	(0.5)
0404 (2 x 0402)	CNZ 1E 2 K			0.15 ± 0.1			0.33 ± 0.10	-	0.17 ± 0.05	(0.65)
NEW 0804 (4 x 0402)	CNZ 1E 4	2.00 ± 0.1	2.0 ± 0.2	0.2 ± 0.1	0.25 ± 0.2	0.35 ± 0.1	0.3 ± 0.10	0.3 ± 0.1	0.07 ± 0.05	(0.5)
0804 (4 x 0402)	CNZ 1E 4 K			0.15 ± 0.1			0.3 ± 0.15	-	0.15 ± 0.1	
1506 (8 x 0602)	CNZ 1F 8 K	3.80 ± 0.1	1.6 ± 0.1	0.3 ± 0.1	0.3 ± 0.1	0.45 ± 0.1	0.3 ± 0.10	-	(0.15)	(0.8)
0606 (2 x 0603)	CNZ 1J 2 K	1.60 ± 0.15	1.6 ± 0.15	0.3 ± 0.2	0.25 ± 0.1	0.5 ± 0.1	0.6 ± 0.15	-	0.3 ± 0.1	
0606 (2 x 0603)	CNZ 1J 2	1.60 ± 0.2	1.6 ± 0.2		0.4 ± 0.1	0.6 ± 0.1	0.5 ± 0.10	0.4 ± 0.15	0.15 ± 0.1	(1.27)
1206 (4 x 0603)	CNZ 1J 4	3.20 ± 0.2	1.6 ± 0.2	0.25 ± 0.1	0.5 ± 0.1	0.5 ± 0.15	0.5 ± 0.15	0.3 ± 0.1		
1206 (4 x 0603)	CNZ 1J 4K/A	3.20 ± 0.15	1.6 ± 0.15	0.4 ± 0.1	0.5 ± 0.1	0.5 ± 0.10	0.4 ± 0.15	-	0.45 ± 0.1	
2506 (8 x 0603)	CNZ 1J 8	6.40 ± 0.2	1.6 ± 0.2	0.55 ± 0.1	0.6 ± 0.1	0.8 ± 0.1	0.75 ± 0.15	0.15 ± 0.1		
1008 (2 x 0805)	CNZ 2A 2	2.54 ± 0.2	2.0 ± 0.2	0.4 ± 0.2	0.55 ± 0.1	0.6 ± 0.1	0.8 ± 0.1	0.75 ± 0.15	0.15 ± 0.1	(1.27)
2008 (4 x 0805)	CNZ 2A 4	5.08 ± 0.2	2.0 ± 0.2	0.5 ± 0.3						
1012 (2 x 1206)	CNZ 2B 2	2.54 ± 0.2	3.2 ± 0.2	0.5 ± 0.2	0.35 ± 0.15	0.55 ± 0.1	0.8 ± 0.2	-	0.45 ± 0.1	
2012 (4 x 1206)	CNZ 2B 4 A	5.10 ± 0.2	3.1 ± 0.2	0.5 ± 0.2	0.55 ± 0.1	0.6 ± 0.1	0.8 ± 0.1	0.75 ± 0.15	0.15 ± 0.1	
2012 (4 x 1206)	CNZ 2B 4	5.08 ± 0.2	3.2 ± 0.2	0.5 ± 0.3	0.55 ± 0.1	0.6 ± 0.1	0.8 ± 0.1	0.75 ± 0.15	0.15 ± 0.1	

FEATURES

- 2, 4 or 8 isolated jumper elements included in one array
- Less board space than individual jumpers
- High cost reduction efficiency by eliminating mounter operations
- Concave or convex terminations. Convex terminations in 2 different corner designs (A- or K-type)
- Operating temperature range: - 55°C ... + 125°C (+155 °C on request)
- Suitable for reflow and wave soldering

RATING

SIZE	TYPE	CURRENT RATING at 70° C (per element)	SURGE CURRENT RATING (for <1 sec)	MAXIMUM RESISTANCE
2, 4 x 02015 NEW	CNZ 1H	0.5 A	1 A	50 mΩ
2, 4 x 0402	CNZ 1E	0.5 A	1 A	
8 x 0602	CNZ 1F 8 K	1 A	2 A	
2, 4, 8 x 0603	CNZ 1J	0.5 A	2 A	
2, 4 x 0805	CNZ 2A	1 A	3 A	
2, 4 x 1206	CNZ 2B	1 A	4 A	

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Specifications given herein may be changed at any time without prior notice. Please confirm technical specifications before you order/use.