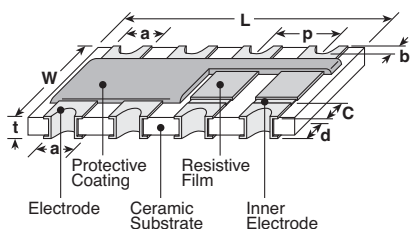


## features

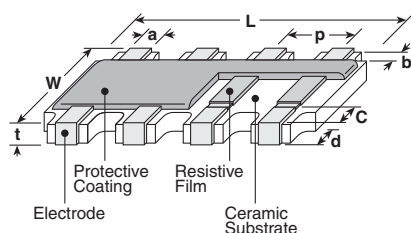
- Manufactured to type RK73Z standards
- Concave or convex terminations
- Less board space than individual chip
- Isolated jumper elements
- Marking: Concave and CNZ1F8K type has green body with no marking  
Convex type has black body with white "000"
- Products with lead-free terminations meet EU RoHS requirements. Pb located in glass material, electrode and resistor element is exempt per Annex 1, exemption 5 of EU directive 2005/95/EC

## dimensions and construction



CN Concave/ Square Corner

Size Code	Dimensions inches (mm)								
	L	W	C	d	t	a (top)	a (bot.)	b	p (ref.)
<b>CN1E2</b>	.039±.004 (1.0±0.1)	.039±.004 (1.0±0.1)	.008±.004 (0.2±0.1)	.010±.004 (0.25±0.1)	.014±.004 (0.35±0.1)	.012±.004 (0.3±0.1)	.012±.004 (0.3±0.1)	.003±.002 (0.07±0.05)	.020 (0.5)
<b>CN1E4</b>	.079±.004 (2.0±0.1)								
<b>CN1J2</b>	.063±.006 (1.6±0.15)	.063±.004 (1.6±0.1)	.012±.008 (0.3±0.2)	.016±.006 (0.4±0.15)					
<b>CN1J4</b>	.126±.008 (3.2±0.2)								
<b>CN1J8</b>	.252±.008 (6.4±0.2)								
<b>CN2A2</b>	.100±.008 (2.54±0.2)	.079±.008 (2.0±0.2)	.016±.008 (0.4±0.2)		.024±.004 (0.6±0.1)			.006±.004 (0.15±0.1)	
<b>CN2A4</b>	.200±.008 (5.08±0.2)								
<b>CN2B2</b>	.100±.008 (2.54±0.2)	.126±.008 (3.2±0.2)	.020±.012 (0.5±0.3)						
<b>CN2B4</b>	.200±.008 (5.08±0.2)								



CN\_\_K Convex/Square Corner

CN\_\_A Convex/Scalloped Corner

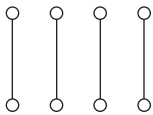
Size Code	Dimensions inches (mm)								
	L	W	C	d	t	a (ref.)	b (ref.)	p (ref.)	
<b>CN1H2</b>	.031±.004 (0.8±0.1)	.024±.004 (0.6±0.1)	.006±.004 (0.15±0.1)	.006 max. (0.15±0.1)	.014±.004 (0.35±0.1)	.014±.004 (0.3±0.1)	—	.020 (0.5)	
<b>CN1H4</b>	.055±.004 (1.4±0.1)	.024±.003 (0.6±0.08)	.004±.003 (0.1±0.08)	.008±.003 (0.2±0.08)		.008±.004 (0.2±0.1)	—	.016 (0.4)	
<b>CN1E2</b>	.039±.004 (1.0±0.1)	.039±.004 (1.0±0.1)	.006±.004 (0.15±0.1)	.010 max. (0.25±0.1)		.013±.004 (0.33±0.1)	.007±.002 (0.17±0.05)	.026 (0.65)	
<b>CN1E4</b>	.079±.004 (2.0±0.1)	.039±.004 (1.0±0.1)	.006±.008 (0.15±0.2)	.010 max. (0.25±0.2)		.008±.006 (0.3±0.15)	.006±.004 (0.15±0.1)	.020 (0.5)	
<b>CN1J2</b>	.063±.006 (1.6±0.15)	.063±.006 (1.6±0.15)	.012±.008 (0.3±0.2)	.016±.004 (0.25±0.1)	.020±.004 (0.5±0.1)	.024±.006 (0.6±0.15)	.014±.004 (0.3±0.1)	.031 (0.8)	
<b>CN1J4</b>	.126±.006 (3.2±0.15)					.020±.006 (0.5±0.15)			
<b>CN1J4</b>	.126±.006 (3.2±0.15)					.020±.006 (0.5±0.15)			
<b>CN2B4</b>	.201±.008 (5.1±0.2)	.122±.008 (3.1±0.2)	.020±.008 (0.5±0.2)	.014±.006 (0.35±0.15)	.022±.004 (0.55±0.1)	.031±.008 (0.8±0.2)	.018±.006 (0.45±0.1)	.050 (1.27)	
<b>CN1F8K</b> <b>CN1FN8K</b>	.200±.008 (3.8±0.1)	.063±.004 (1.6±0.1)	.012±.004 (0.3±0.1)	.012±.004 (0.3±0.1)	.018±.006 (0.45±0.1)	.014±.004 (0.3±0.1)	.006 (0.15)	.020 (0.5)	

## ordering information

New Part #	CNZ	1J	4	A	T	TD
	Type	Size	Elements	Terminal Style	Termination Material	Packaging
		1H 1E 1F 1J 2A 2B	2 4 8	Blank: Concave A: Convex/scalloped K: Convex/square	T: Sn (Other termination styles may be available, please contact factory for options)	TD: 7" paper tape TE: 7" embossed plastic TDD: 10" paper tape

For further information on packaging, please refer to Appendix A.

## circuit schematic

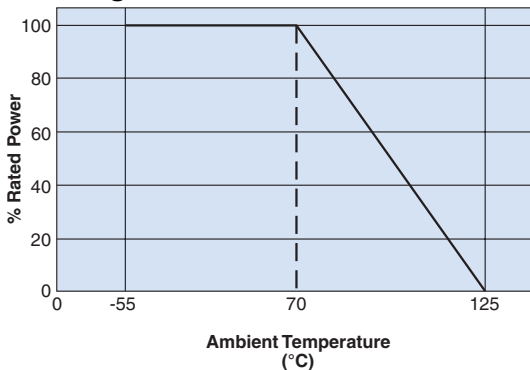


## applications and ratings

Part Designation	Current Rating @ 70°C (Per Element)	Surge Current Rating (For < 1 Sec.)	Maximum Resistance	Operating Temperature Range
<b>NEW</b> CNZ1E2	0.5 Amps	—	50mΩ	-55°C to +125°C
CNZ1E4				
CNZ1H2K				
CNZ1H4K				
CNZ1E2K		1.0 Amps		
CNZ1E4K				
CNZ1J2/CNZ1J2K				
CNZ1J4/CNZ1J4A/CNZ1J4K				
CNZ1J8	1.0 Amps	2.0 Amps		
CNZ2A2				
CNZ2A4		3.0 Amps		
CNZ2B2		4.0 Amps		
CNZ2B4/CNZ2B4A		2.0 Amps		
CNZ1F8K				

## environmental applications

### Derating Curve



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

11/10/09