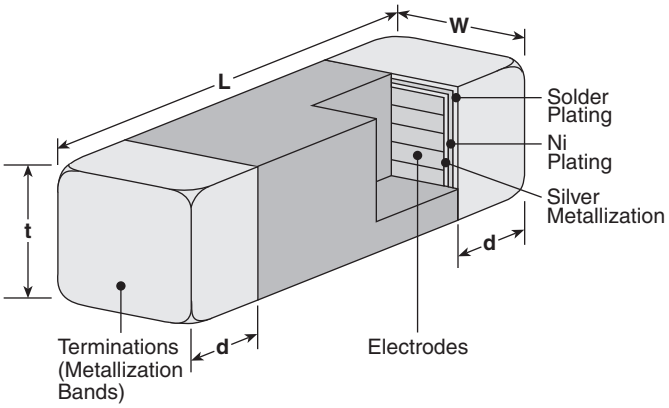
features

- Designed to reduce noise at high frequencies
- Standard EIA packages: 1J, 2A, 2B
- Nickel barrier with solder overcoat for excellent solderability
- Magnetically shielded
- Marking: Black body color with no marking

dimensions and construction



Type (Inch Size Code)	Dimensions inches (mm) L	W	t	d
1J (0603)	.063±.006 (1.6±0.15)	.031±.006 (0.8±0.15)	.031±.006 (0.8±0.15)	.014±.006 (0.36±0.15)
2A (0805)	.079±.008 (2.0±0.2)	.049±.008 (1.25±0.2)	.035±.008 (0.9±0.2)	.02±.01 (0.51±0.25)
2B (1206)	.126±.008 (3.2±0.2)	.063±.008 (1.6±0.2)	.043±.008 (1.1±0.2)	.02±.01 (0.51±0.25)

ordering information

New Part #

CZP	2A	F	T	TD	500	P
Type	Size	Permeability Code	Termination Material	Packaging	Impedance	Tolerance
	1J 2A 2B	F P	T: Sn L: SnPb	TE: 7" embossed plastic (1J, 2A - 4,000 pieces/reel) (2B - 3,000 pieces/reel)	2 significant figures + 1 multiplier	P: ±25%

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

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applications and ratings

Part Designation	Impedance @ 100MHz (Ω)	DC Resistance Maximum (Ω)	Allowable DC Current Maximum (mA)	Operating Temperature Range
CZP1JF*TE300P	30	0.03	3000	-55°C to +125°C
CZP1JF*TE600P	60	0.04		
CZP1JF*TE121P	120	0.10	2000	
CZP1JF*TE181P	180	0.15	1500	
CZP1JF*TE301P	300	0.10	2000	
CZP2AF*TE070P	7	0.02	3000	-55°C to +125°C
CZP2AF*TE110P	11	0.025		
CZP2AF*TE220P	22			
CZP2AF*TE300P	30	0.015		
CZP2AF*TE400P	40	0.03	2000	
CZP2AF*TE450P	45			
CZP2AF*TE600P	60	0.025	3000	
CZP2AF*TE800P	80	0.04	2000	
CZP2AF*TE221P	220	0.05		
CZP2AF*TE301P	300	0.15	1000	
CZP2AF*TE601P	600	0.20		
CZP2AF*TE102P	1000			
CZP2BF*TE190P	19	0.02	3000	-55°C to +125°C
CZP2BF*TE260P	26			
CZP2BF*TE300P	30			
CZP2BF*TE310P	31			
CZP2BF*TE500P	50	0.025		
CZP2BF*TE650P	65	0.03	2000	
CZP2BF*TE700P	70			
CZP2BF*TE800P	80			
CZP2BF*TE900P	90	0.10	1000	
CZP2BF*TE101P	100			
CZP2BF*TE121P	120			
CZP2BP*TE700P	70	0.20	3000	
CZP2BF*TE601P	600		1000	
CZP2BP*TE101P	100	0.03	3000	
CZP2BP*TE121P	120	0.04		
CZP2BP*TE601P	600	0.10	1500	

* Add termination material character (T, L)

For complete environmental specifications, please refer to pages 226-227.

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