

## ■ For Overcurrent Protection

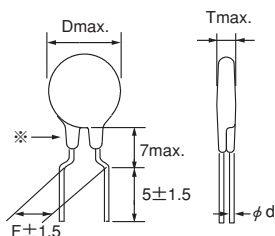


Fig. 1 (Formed Lead Type : Y)

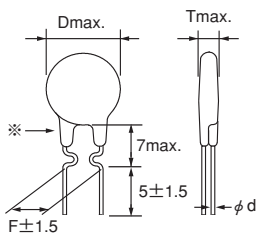


Fig. 2 (Formed Lead Type : U)

※ This would not affect the function, internal element may be exposed.

### ● 12V Class

Type No.	Initial Resistance (at 25°C)	Max. Operating Voltage (V)	Max. Inrush Current (A)	Current Characteristic (mA)		Dimensions (mm)				Fig
				Normal Current (60°C)	Limiting Current (-10°C)	D	T	F	d	
ZPC11CE2R2K	2.2 Ω ± 20%	16	2.1	≦ 300	760 ≦	5.5	3.0	5.0	0.5	1
ZPC13CE1R5K	1.5 Ω ± 20%		3	≦ 410	1030 ≦	7.0			0.6	
ZPC17CE0R8K	0.8 Ω ± 20%		4.1	≦ 600	1490 ≦	8.8	14.5	0.6	2	
ZPC1MCC0R3K	0.3 Ω ± 20%		7	≦ 1030	2580 ≦	14.5				

### ● 25V Class

Type No.	Initial Resistance (at 25°C)	Max. Operating Voltage (V)	Max. Inrush Current (A)	Current Characteristic (mA)		Dimensions (mm)				Fig
				Normal Current (60°C)	Limiting Current (-10°C)	D	T	F	d	
ZPC25CE8R2K	8.2 Ω ± 20%	35	1.3	≦ 120	310 ≦	8.0	3.5	5.0	0.5	2
ZPC2DCE4R7K	4.7 Ω ± 20%		1.8	≦ 270	680 ≦	11.4			0.6	
ZPC2ECE3R3K	3.3 Ω ± 20%		2.2	≦ 310	790 ≦	11.9	10.0	0.6		
ZPC2LCE2R2K	2.2 Ω ± 20%		2.8	≦ 400	1020 ≦	14.3				

### ● 50V Class

Type No.	Initial Resistance (at 25°C)	Max. Operating Voltage (V)	Max. Inrush Current (A)	Current Characteristic (mA)		Dimensions (mm)				Fig
				Normal Current (60°C)	Limiting Current (-10°C)	D	T	F	d	
ZPC35CE150K	15 Ω ± 20%	60	0.9	≦ 130	320 ≦	8.0	4.5	5.0	0.5	2
ZPC3DCE6R2K	6.2 Ω ± 20%		1.5	≦ 220	560 ≦	11.4			0.6	
ZPC3MCE3R6K	3.6 Ω ± 20%		2.2	≦ 310	790 ≦	14.7	10.0			

### ● 120V, 220V Class

Type No.	Initial Resistance (at 25°C)	Max. Operating Voltage (V)	Max. Inrush Current (A)	Current Characteristic (mA)		Dimensions (mm)				Fig
				Normal Current (60°C)	Limiting Current (-10°C)	D	T	F	d	
ZPC45CE300K	30 Ω ± 20%	140	0.7	≦ 100	250 ≦	8.7	6.0	5.0	0.5	2
ZPC4CCE150K	15 Ω ± 20%		1.1	≦ 160	410 ≦	11.7			0.6	
ZPC4MCE100K	10 Ω ± 20%		1.5	≦ 210	540 ≦	15.3	10.0			
ZPC56CE390K	39 Ω ± 20%	265	0.8	≦ 70	180 ≦	9.5	5.5	5.0	0.6	2
ZPC5JCE270K	27 Ω ± 20%		1.2	≦ 140	350 ≦	14.0	6.0	10.0		

Please contact us, it is possible to other current values.

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