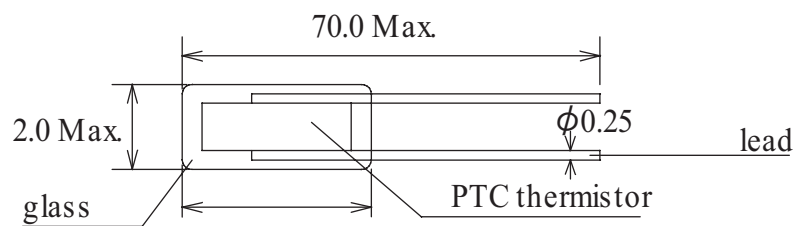


## Glass Seal Type PTC Thermistor

〈For high thermal protection〉

- For temperature control at high temperatures.
- Miniaturized with micro-chip type PTC thermistor, high sensitivity and high reliability.

### Dimensions



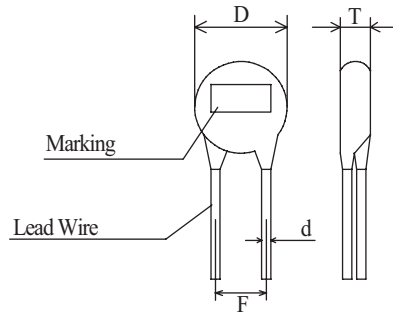
Model No.	Initial Characteristic					
	Resistance R25 ( $\Omega$ )	Operating Voltage (V)	Maximum Current (mA)	Switching Temperature ( $^{\circ}\text{C}$ )	Resistance Temperature Coefficient ( $\%/^{\circ}\text{C}$ )	Max.Operating Temperature ( $^{\circ}\text{C}$ )
PDG-102Y200-03S□□	300~1000.0	DC16	60.0	200	15.0	300
PDG-102Y250-03S□□	300~1000.0	DC16	60.0	250	15.0	300

※ Values mentioned in the catalog are for reference. For details please give your inquiry to our sales office.



# Radial Lead Type PTC Thermistor

## Radial Lead Type PTC Thermistor



### ◆For Over Current Protection

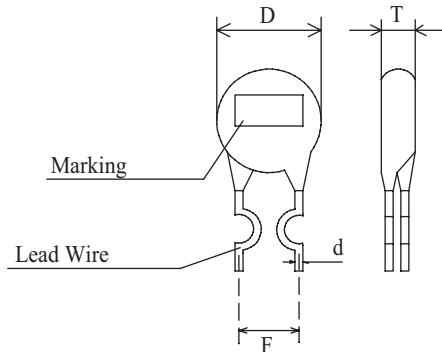
Model No.	Initial characteristic								Dimensions			
	Resistance R25		Max. vol (V)	Max. I (A)	Trip Current		Hold Current		D (mm) Max.	T (mm) Max.	Lead Wire (mm)	
	(Ω)	(%)			Temp. (°C)	Current (mA)	Temp. (°C)	Current (mA)			d	F
PCR-R55M100-15□□□	0.55	±20	DC 16	5.0	25	2000	25	700	18.0	5.0	φ0.6	10.0
PCR-1R5X110-12□□□	1.5	±25	DC 35	1.5	-10	1300	60	230	15.0	4.0	φ0.6	10.0
PCR-2R5M100-10□□□	2.5	±20	DC 35	1.5	25	715	25	385	12.0	3.5	φ0.6	5.0
PCR-2R5M120-10□□□	2.5	±20	DC 35	3.0	25	680	25	400	12.0	3.5	φ0.6	5.0
PCR-3R9M120-07□□□	3.9	±20	DC 35	1.5	25	480	25	290	9.6	3.5	φ0.6	5.0
PCR-070M120-07□□□	7.0	±20	DC 35	1.0	25	360	25	210	9.6	3.5	φ0.6	5.0
PCR-100M120-05□□□	10.0	±20	DC 35	0.9	25	280	25	170	7.4	3.5	φ0.6	5.0
PCR-3R9M120-12□□□	3.9	±20	DC 56	1.5	-10	800	60	340	13.0	5.0	φ0.6	5.0
PCR-090M120-12□□□	9.0	±20	DC 56	2.9	25	405	25	270	12.5	4.0	φ0.6	5.0
PCR-5R6X120-09□□□	5.6	±25	DC 80	4.3	25	500	25	250	12.0	5.0	φ0.6	5.0
PCR-9R4X080-07□□□	9.4	±25	DC 80	3.0	25	190	25	90	9.0	4.0	φ0.6	5.0
PCR-250X120-06□□□	25.0	±25	DC 80	1.0	25	300	25	110	8.0	4.5	φ0.6	5.0
PCR-060X080-15□□□	6.0	±25	AC 265	4.1	25	350	25	170	18.0	5.5	φ0.6	5.0
PCR-100X120-14□□□	10.0	±25	AC 265	2.2	25	400	25	200	15.5	7.0	φ0.6	5.0
PCR-250X120-07□□□	25.0	±25	AC 265	1.0	25	200	25	100	9.0	5.0	φ0.6	5.0
PCR-450X120-07□□□	45.0	±25	AC 265	1.5	25	140	25	70	9.0	5.5	φ0.6	5.0
PCR-121X120-05□□□	120.0	±25	AC 265	0.3	25	85	25	35	6.5	6.5	φ0.6	5.0

### ◆For Over current Protection UL 1459 50A Corresponding Product

Model No.	Initial Characteristic								Dimensions			
	Resistance		Max. Volt (V)	Max. I (A)	Trip Current		Hold Current		D (mm) Max.	T (mm) Max.	Lead Wire (mm)	
	(Ω)	(%)			Temp. (°C)	Current (mA)	Temp. (°C)	Current (mA)			d	F
PCR-120N090-12□□□	12.0	±30	AC250	0.6	-10	330	60	90	15.0	6.0	φ0.6	5.0
PCR-390N090-09□□□	39.0	±30	AC250	0.6	25	260	50	100	10.0	6.0	φ0.6	5.0

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## Radial Lead Type PTC Thermistor

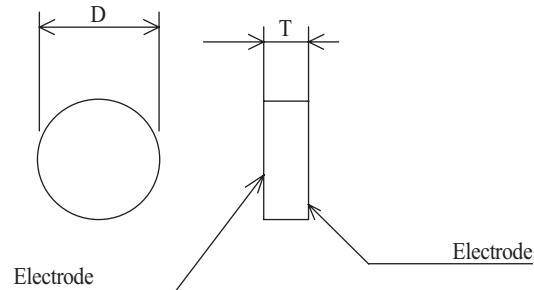


### ◆For Degaussing Circuit (Leaded Type)

Part No.	Initial Characteristic						Dimensions			
	Resistance R25		Operating Voltage (ACV)	Current Attenuation Characteristic			D (mm) Max.	T (mm) Max.	Lead Wire (mm)	
	( $\Omega$ )	(%)		Rush (Ap-p)	Aft.3Sec. Current(mAp-p)	Aft.60Sec. Current(mAp-p)			d	F
PAR-050M050-15I□□	5.0	±20	100	≥25	≤300	≤60	19.0	7.0	φ 0.6	7.5
PAR-080M050-14I□□	8.0	±20	120	≥16	≤300	≤60	18.0	7.0	φ 0.6	7.5
PAR-100N050-10I□□	10.0	±30	120	≥20	≤240	≤40	13.0	7.0	φ 0.6	10.0
PAR-120M050-14I□□	12.0	±20	120	≥15	≤170	≤42	18.0	7.0	φ 0.6	7.5
PAR-180N050-14I□□	18.0	±30	220	≥15	≤300	≤40	18.0	6.8	φ 0.6	10.0
PAR-200N050-14I□□	20.0	±30	220	≥15	≤300	≤40	18.5	6.5	φ 0.6	10.0
PAR-250N050-12I□□	25.0	±30	220	≥15	≤220	≤40	15.0	7.0	φ 0.6	10.0

※Values mentioned in the catalog are for reference. For details please give your inquiry to our sales office.

## Leadless Type PTC Thermistor



### ◆For Heater (Leadless Type)

Model No.	Initial Characteristic					Dimensions	
	Resistance R25		Operating Voltage (V)	Maximum Current (A)	Temperature (°C)	D (mm)	T (mm)
	(Ω)	(%)					
PFE-040M090-100□□	4.0	±20	DC15	4.7	By individual Spec.	φ 10.0	2.5
PFE-100M090-100□□	10.0	±20	DC15	1.5	By individual Spec.	φ 10.0	2.5
PFE-200M100-100□□	10.0	±20	DC15	1.1	By individual Spec.	φ 10.0	2.5

### ◆For Heater (Custom Type)

Model No.	Initial Characteristic					Dimensions	
	Resistance R25		Operating Voltage (V)	Maximum Current (A)	Temperature (°C)	D (mm)	T (mm)
	(Ω)	(%)					
Ring Heater			AC100	0.5	By individual Spec.	By individual Spec.	
Ring Heater			AC220	1.5	By individual Spec.	By individual Spec.	
Ring Heater (Transformer less)			AC100/AC220	1.5	By individual Spec.	By individual Spec.	

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