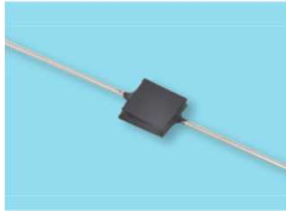


# R7 series

Thermal-links Compliant with RoHS2

Concept  
Model



- R7 series realizes an electrical rating, DC120V/20A although it is an alloy type thermal-link.
- It has superior thermal sensitivity that is suitable for the overheat protection of the parts.
- It is a non-resettable thermal-link that uses a fusible alloy for its thermal element.
- R7 series has excellent surge current endurance characteristics, like a lightning current.
- Eco-Friendly products being in compliance with RoHS2.

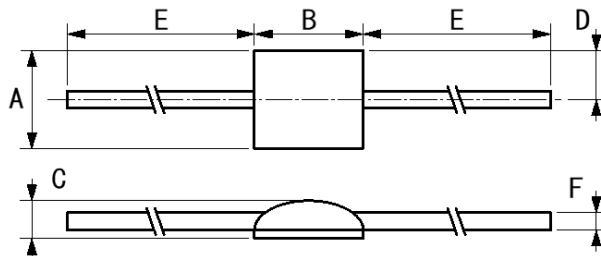
It does not contain the regulated 10 substances including lead(Pb), cadmium(Cd).

## ■ Ratings

Type No.	Rated functioning temperature Tf (°C)	Functioning temperature (°C)	Holding temperature Th (°C)	Operating temperature range (°C)	Maximum temperature limit Tm (°C)	Electrical rating		Maximum Discharge Current « 8/20 μs » 2 times (kA)
						Ampere (A)	Voltage (V)	
R7Y	76	72 ±3	42	-40 ~ 50	180	10	DC120	—
						15	AC250	
R7R	102	98 ±3	65	-40 ~ 72	180	20	DC120	—
							AC250	
R72	115	112 ±3	85	-40 ~ 99	180	20	DC120	20
							AC250	
R7F	123	120 ±3	93	-40 ~ 105	180	20	DC120	20
							AC250	
R7T	134	131 ±3	95	-40 ~ 108	180	20	DC120	12
							AC250	
R7V	151	145 ±3	110	-40 ~ 130	180	20	DC120	12
							AC250	

• Functioning temperature is measured with silicone oil bath of which temperature is increased at the rate of 1°C/min and a detecting current is 0.1A or less.

## ■ Dimensions



Dimensions (mm)		
A	B	C
9.0 ±0.5	9.0 ±0.5	3.5 or below
D	E	F
( 4.5 )	35 ±3	1.6 ±0.1

## ■ Safety standard information

Expected

PSE , UL , C-UL , VDE , CCC

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