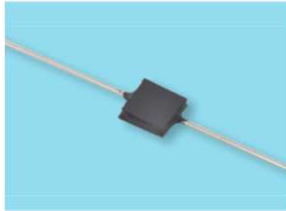


R7 series

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.

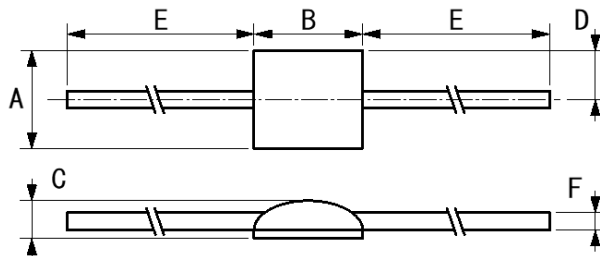
It does not contain the regulated 10 substances including lead(Pb), cadmium(Cd).

■ 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	160	10	DC120	—
						15	AC250	
R7Z	115	112 ±3	70	-40 ~ 99	160	25	DC 60	20
			85			20	DC120 AC250	
R7T	134	131 ±3	80	-40 ~ 108	160	25	DC 60	12
			95			20	DC120 AC250	
R7V	151	145 ±3	90	-40 ~ 130	160	25	DC 60	12
			105			20	DC120 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)	15 ±3	1.6 ±0.1

■ Safety standard information

Expected

PSE , UL , C-UL , VDE , CCC

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