

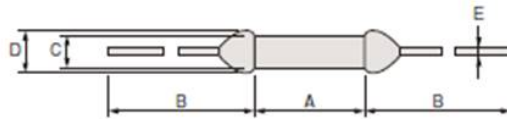
# 12 Series

## RoHS Compliant Thermal Cutoffs



The photo of 12J is shown

- It is a non-resettable thermal cutoff which uses fusible alloy for its thermal element.
- It does not contain lead (Pb) and cadmium (Cd) in compliance with RoHS.
- It does not contain 46 substances of very high concern (SVHC) that are specified by REACH as of Dec. 2010.
- Extremely simple construction ensures reliability, and hermetically sealed thermal element reduces deterioration with age.
- It has superior thermal sensitivity.
- It uses an insulating container.
- Please feel free to ask us about cutting, forming and taping of lead wire.



Lead length	Dimensions (mm)				
	A	B	C	D	E
Regular	9.0±0.5	38±3	2.5±0.1	3.0 or below	0.6±0.05
Long	9.0±0.5	68±3	2.5±0.1	3.0 or below	0.6±0.05

### Specification

Type No.	Rated functioning temperature Tf(°C)	Functioning temperature (°C)	Holding temperature Th(°C)	Maximum use temperature (°C)	Maximum temperature limit Tm(°C)	Electrical rating	
						Ampere (A)	Voltage (V)
12G	65	62±3	49	42	200	1.5	AC250
12Y	76	72±3	57	52	200	2	AC250
12E	108	104±3	88	82	200	2	AC250
122	115	112±3	89	89	200	2	AC250
12X	133	129±3	116	92	200	2	AC250
			110	87		3.5	AC125
			110	87		3.5	DC50
12M	139	135±3	122	117	200	1.5	AC250
			67	60		7	DC50
12J	145	141±3	125	115	200	2	AC250

#### Safety standard information

Type No.	Safety standard approval					
	PSE	UL	cUL	VDE	CCC	KC
12G	JET5267-32001-1008 (250V)	E50082	E50082	923000-1171-0012	2009010205322114	SU05029-9002B
12Y	JET5267-32001-1008 (250V)	E50082	E50082	923000-1171-0012	2008010205283380	SU05029-9002B
12E	JET5267-32001-1004 (250V)	E50082	E50082	923000-1171-0012	2008010205283380	SU05029-8003B
122	JET5267-32001-1004 (250V)	E50082	E50082	923000-1171-0012	2008010205283380	SU05029-8003B
12X	JET5267-32001-1007 (250V, 125V)	E50082	E50082	923000-1171-0012	2008010205283391	SU05029-8001B
12M	JET5267-32001-1005 (250V)	E50082	E50082	923000-1171-0012	2008010205283388	SU05029-8001B
12J	JET5267-32001-1006 (250V)	E50082	E50082	923000-1171-0012	2008010205283380	SU05029-8001B

- Functioning temperature is measured with silicone oil bath of which temperature is increased at the rate of 1°C/min. Detecting current is 0.1A or less.
- Holding temperature is applicable to UL, cUL and CCC respectively.
- Please feel free to contact us in regard of the details of safety standard approvals.