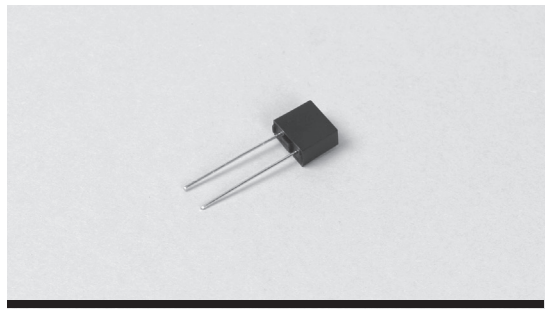




Sub – Miniature Fuse

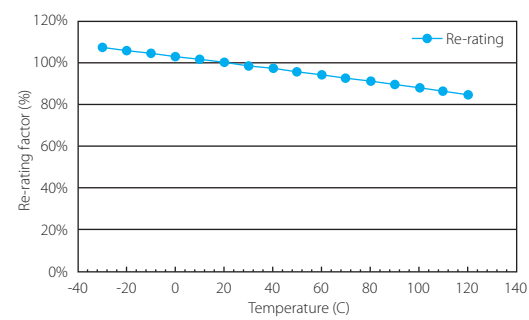
Time-Current Characteristic

- Time-Lag Type.

Interrupting Ratings

- 35A or 10X rated current whichever is greater.

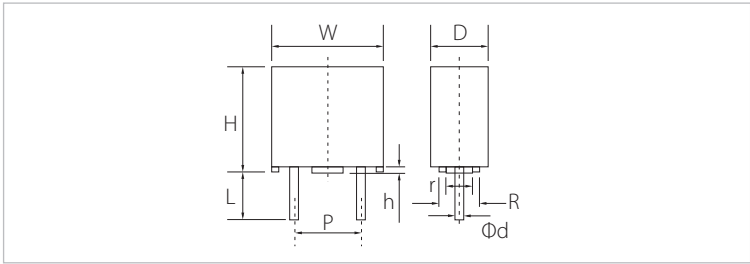
Temperature Rating Curve



Electrical Characteristics

% of Ampere Rating	Opening Time
210%	120sec, Max.
275%	0.4sec, Min. : 10sec, Max.
400%	0.15sec, Min. : 3sec, Max.
1000%	0.02sec, Min. : 0.15sec, Max.

Dimension



Type	Dimension (mm)								
	W±0.3	H±0.3	L±0.5	P±0.1	Min h	D±0.3	R±0.1	R±0.1	Φd±0.03
TE	8.4	7.9	4.3	5.0	0.5	4.3	3.0	2.0	0.6
TS		7.0							

Type Designation

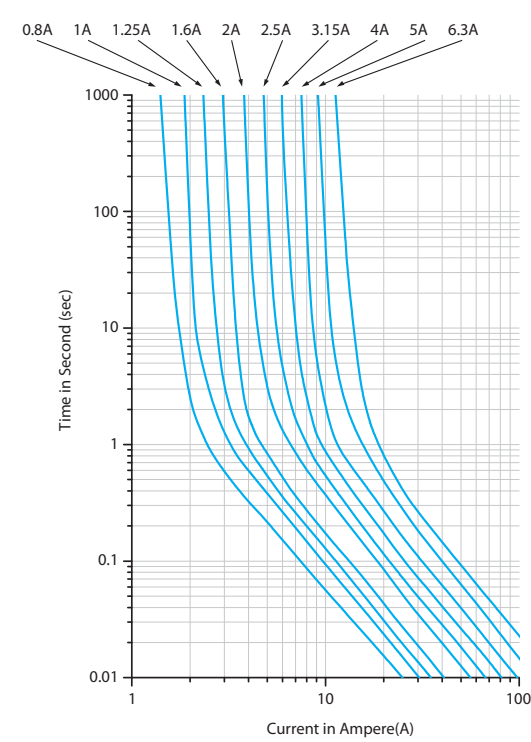
SPT	250	T	E	1A00
Products Code	Voltage Rating	Characteristics	Style	Ampere Rating
	250 : 250V 300 : 300V	T : Time-Lag Type	E: Rectangle Type S: Small Rectangle Type	1A00 : 1A 1A25 : 1.25A 2A50 : 2.5A 6A30 : 6.3A

Agency Approval

- IEC 60127-3/4 : VDE approved through 6.3 amps. Recognized under the components program of underwriters laboratories and certified by CSA.

Agency	Item	File No.
	TE/TS 250V 0.8A~6.3A	JDYX8. E238986
	TE/TS 300V 0.8A~3.15A	
	TE 250V 0.8A~4A	40014285
	TE 250V 5A~6.3A	40027700
	TS 250V 1A~6.3A	909820
	TE 250V 0.8A~6.3A	CQC09012033996
	TS 250V 0.8A~6.3A	CQC09012033998
	TE/TS 250V 0.8A~5A	JET5457-31007-2001
	TE/TS 300V 0.8A~5A	JD60042527
	TE/TS 250V 0.8A	KTL SG 05001-8001
	TE/TS 250V 1A~2.5A	KTL SG 05001-6001C
	TE/TS 250V 3.15A~4A	KTL SG 05001-6002C
	TE/TS 250V 5A	KTL SG 05001-7001B
	TE/TS 250 6.3A	KTL SG 05001-7002B
	TE 300V 0.8A~6.3A	J50208226001

I-T Curve



Characteristic

Type	Ampere Rating (A)	Voltage Rating (V)	Nominal Resistance Cold Ohms (Ω)	Nominal Melting I²t (A²s)	Operating Temperature (°C)
0A80	0.8	250/ 300	0.101	6.7	-55~+155
1A00	1		0.073	9.7	
1A25	1.25		0.053	12.3	
1A60	1.6		0.041	17.8	
2A00	2		0.031	33.0	
2A50	2.5		0.023	47.0	
3A15	3.15		0.017	62.5	
4A00	4		0.013	102.0	
5A00	5		0.010	163.0	
6A30	6.3		0.0075	235.0	

Performance

Test Items	Performance Requirements	Test Methods
Voltage Drop	Max. Voltage Drop (mV)	
	0.8A	160
	1A	140
	1.25A	130
	1.6A	120
	2A	100
	2.5A	100
	3.15A	100
	4A	100
	5A	100
	6.3A	90
Temp. Rise	Max. Temp. Rise 75°C	Surface Temp. should be measured by Rated current X 100%.
Endurance	The voltage drop increase shall be less than 10% of the value before the test.	100 cycles of rated current (DC) carry for 1hr, then switch off for 15min. Followed by 1hr at 1.5 In.
Test at an elevated temperature 70°C	Not operate	A current of 1.0 In shall be passed through the fuse-link in 70(±3)°C for 1hr.
Insulation	0.1 MΩ minimum measured by 500V DC Insulation tester	After overload test or Breaking Capacity test.