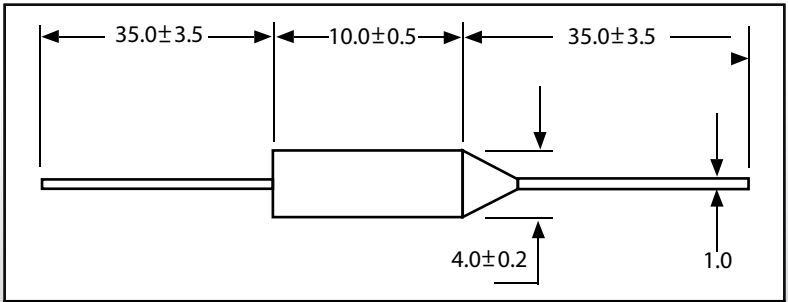
SUNG WOO INDUSTRIAL

SW1

ONE SHOT THERMALFUSE



dimensions(mm)	a	b	c	d	e
standard	35.0±1.0	10.5±0.5	35.0±1.0	4.0±0.05	1.0(18AWG)
short	35.0±1.0	10.5±0.5	20.0±1.0	4.0±0.05	1.0(18AWG)
special	35.0±1.0	10.5±0.5	9.0~40.0	4.0±0.05	1.0(18AWG)

TF (Functioning Temperature)	72° - 240°C
Rated voltage	10A - 250V (VDE, UL, C-UL, TUV)
	15A - 250V (VDE)
	16A - 250V (UL)
	15A - 125V (UL)
Approvals	UL, C-UL, TUV, PSE K-mark, VDE, CCC

Sung Woo thermalfuses are disposable thermal protectors (One Shot), designed and manufactured to protect electric equipment against possible and anomalous temperature rises. Supplied at pre-set intervention temperature in factory (range from +72° to + 240°C), Sung Woo TCOs perform their function when the environment to which they are exposed exceeds the maximum allowed temperature. Acting stably on the circuit, they interrupt the power supply to the electrical equipment. Sung Woo TCOs are particularly suitable for all those applications where the risk of exceeding the safety temperatures is high (steam generators, electric heaters, motors electrical, electrical transformers, resistors ...). Used in conjunction with a thermostat or other control system of the temperature, allow, even in case of anomalous operation of the main control system, that electrical safety and fire prevention are guaranteed.

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R&D Service

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Cat NO.	TF	Cutoff Temp.	TH	TM	K-mark	UL	C-UL	VDE	TUV	CCC	PSE
SW-102 T	72°C	70°C +2°C -2°C	57°C	200°C	✓	✓	✓	✓	✓	✓	✓
SW-105 T	77°C	77°C +0°C -4°C	62°C	200°C	✓	✓	✓	✓	✓	✓	✓
SW-109 T	84°C	84°C +0°C -5°C	69°C	180°C	✓	✓	✓	✓	✓	✓	✓
SW-152 T	90°C	90°C +0°C -4°C	75°C	180°C	✓	✓	✓	✓		✓	✓
SW-106 T	91°C	91°C +0°C -4°C	76°C	180°C	✓	✓	✓	✓		✓	✓
SW-153 T	93°C	93°C +0°C -5°C	78°C	180°C	✓	✓	✓	✓		✓	✓
SW-104 T	98°C	98°C +2°C -2°C	83°C	190°C	✓	✓	✓	✓	✓	✓	✓
SW-108 T	100°C	100°C +0°C -5°C	85°C	190°C	✓	✓	✓	✓	✓	✓	✓
SW-155 T	104°C	104°C +0°C -5°C	89°C	190°C	✓						
SW-110 T	109°C	109°C +0°C -5°C	94°C	190°C	✓	✓	✓	✓	✓	✓	✓
SW-136 T	110°C	110°C +0°C -5°C	95°C	190°C	✓						
SW-119 T	115°C	119°C +0°C -5°C	104°C	190°C	✓						
SW-111 T	121°C	121°C +0°C -5°C	106°C	200°C	✓	✓	✓	✓	✓	✓	✓
SW-115 T	126°C	126°C +0°C -4°C	111°C	200°C	✓	✓	✓	✓	✓	✓	✓
SW-129 T	128°C	128°C +0°C -5°C	113°C	200°C	✓	✓	✓	✓	✓	✓	✓
SW-114 T	139°C	139°C +0°C -4°C	124°C	200°C	✓	✓	✓	✓	✓	✓	✓
SW-130 T	141°C	141°C +0°C -4°C	126°C	200°C	✓						
SW-138 T	144°C	144°C +0°C -5°C	127°C	260°C	✓	✓	✓	✓	✓	✓	✓
SW-116 T	152°C	152°C +0°C -4°C	137°C	270°C	✓	✓	✓	✓	✓	✓	✓
SW-120 T	167°C	167°C +0°C -4°C	152°C	280°C	✓	✓	✓	✓	✓	✓	✓
SW-118 T	169°C	169°C +0°C -5°C	154°C	280°C	✓						✓
SW-127 T	184°C	184°C +0°C -6°C	169°C	220°C	✓	✓	✓	✓	✓	✓	✓
SW-122 T	192°C	192°C +0°C -3°C	177°C	220°C	✓						✓
SW-125 T	195°C	195°C +0°C -6°C	180°C	300°C	✓	✓	✓	✓	✓	✓	✓
SW-139 T	216°C	216°C +0°C -6°C	200°C	370°C	✓	✓	✓	✓	✓	✓	✓
SW-124 T	228°C	228°C +0°C -6°C	200°C	370°C	✓	✓	✓	✓	✓	✓	✓
SW-128 T	240°C	240°C +0°C -6°C	200°C	370°C	✓	✓	✓	✓	✓	✓	✓

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