

Metal Hybrid PPTC Devices

Overtemperature Protection Device

PRODUCT: MHP-TAM15-9-90

DOCUMENT: SCD28771 REV LETTER: F

REV DATE: JULY 26, 2016

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Specification Status: Released

Electrical Rating

Contact Rating	Maximum Breaking Current	Minimum Hold Voltage	Maximum Leakage Current	
DC9V/25A (6000 cycles)	DC5V/80A (100 cycles)	3V	200mA	

Leads: Copper based alloy

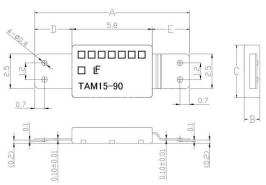
Case: LCP

Marking:

□□□□□□□ - Lot Identification

□ □ □ − Control Number, Company logo

•TAM15-90 - Part Name



Notes:

Unspecified dimensions, tolerance should be +/-0.1mm

Dimensions in brackets are for reference

TABLE I. DIMENSIONS:

	Α		В	С		D		E	
	MIN	MAX	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	10.9	11.4	1.15	3.75	3.85	2.6	2.8	2.6	2.8

TABLE II. PERFORMANCE RATINGS:

OPERATION TEMPERATURE		RESET TEMPERATURE		RESISTANCE		HOLD CURRENT		
°C		°C		mohms @ 25°C		Amp @ 25°C	Amp @ 60°C	
MIN	TYP	MAX	MIN	$\triangle T^1$	TYP	MAX	MIN	MIN
85	90	95	≥40	≥10	2.5	5	15	9

 $^{^{1}}$ \triangle T is the minimum temperature differential between the actual operation temperature of the device and the reset temperature



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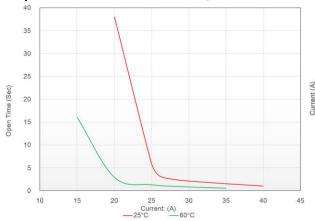
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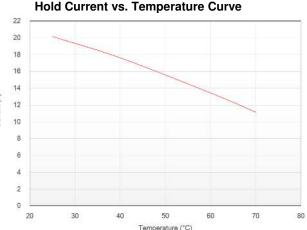
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ELECTRICAL PERFORMANCE (Typical):







OPERATION TEMPERATURE RANGE

 $-30{\sim}100^{\circ}C$

Agency Recognitions: UL, cUL: E349829, CB

Reference Documents: PS300

Precedence: This specification takes precedence over documents referenced herein.

Effectivity: Reference documents shall be the issue in effect on the date of invitation for bid.

CAUTION

Please refer to the MHP-TAM series device usage guidelines.

Using the products outside the recommended guidelines may result in device damage.

Operation beyond the rated voltage or current may result in rupture, electrical arcing or flame.

Materials Information

ROHS Compliant

ELV Compliant

Pb-Free

Halogen Free*

Directive 2002/95/EC Compliant Directive 2000/53/EC Compliant





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^{*}Halogen Free refers to: Br≤900ppm, Cl≤900ppm, Br+Cl≤1500ppm.