

# Metal Hybrid PPTC

Devices

**Overtemperature Protection Device** 

### PRODUCT: MHP-TAM6-9-85

DOCUMENT: SCD28761 REV LETTER: G REV DATE: JULY 26, 2016 PAGE NO.: 1 OF 2

# **Specification Status: Released**

## **Electrical Rating**

Contact Rating	Maximum Breaking Current	Minimum Hold Voltage	Maximum Leakage Current	
DC9V/12A (6000 cycles)	DC5V/40A (100 cycles)	2V	200mA	

Leads: Copper based alloy Case: LCP

#### Marking:

Lot Identification

• □ □ □ - Control Number, Company logo

•TAM6-85 - Part Name



Notes:

Unspecified dimensions, tolerance should be +/-0.1mm Dimensions in brackets are for reference

### TABLE I. DIMENSIONS:

	Α		B C		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 @ 70°C
MIN	TYP	MAX	MIN	$\Delta T^1$	TYP	MAX	MIN	MIN
80	85	90	≥40	≥10	10	15	6	2.5

<sup>1</sup> △T is the minimum temperature differential between the actual operation temperature of the device and the reset temperature



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### **ELECTRICAL PERFORMANCE (Typical):**



#### **OPERATION TEMPERATURE RANGE**

-30~100°C

Agency Recognitions:UL, cUL: E349829, CBReference Documents:PS300Precedence: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**



\*Halogen Free refers to: Br≤900ppm, Cl≤900ppm, Br+Cl≤1500ppm.

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