

# PolySwitch® PTC Devices

**Overcurrent Protection Device** 

PRODUCT: miniASMDC150F/24

DOCUMENT: SCD27854 REV LETTER: B

**REV DATE: JULY 26, 2016** 

PAGE NO.: 1 OF 2

## **Specification Status: Released**

### **Maximum UL Electrical Rating**

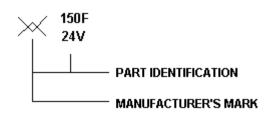
Voltage: 24V<sub>DC</sub>

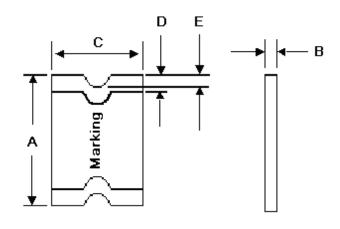
**Short Circuit Current: 20A** 

#### Notes:

- 1. All terminations are tin plated.
- 2. Drawing not to scale

#### Marking:





#### **TABLE I. DIMENSIONS:**

	Α		В		С		D		Е
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
mm:	4.37	4.83	1.00	1.94	3.07	3.41	0.25	0.95	0.20
in:	(0.172)	(0.190)	(0.040)	(0.077)	(0.121)	(0.134)	(0.010)	(0.040)	(800.0)

### **TABLE II. PERFORMANCE RATINGS:**

CURRENT RATINGS **						TIME TO TRIP **	RESISTANCE VALUES		TRIPPED-STATE POWER DISSIPATION **	
AMPERES AT 0°C HOLD   TRIP		AMPERES AT 20°C HOLD   TRIP		AMPERES AT 60°C HOLD   TRIP		SECONDS AT 20°C, 8A MAX	OHMS AT 20°C MIN   MAX*		WATTS AT 20°C, 24V MAX	
1.7	3.4	1.5	3.0	1.0	2.0	1.5	0.04	0.12	1.0	

<sup>\*</sup> Maximum resistance is measured 1 hour after reflow

Reference Documents: PS300, PS400

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

#### **Materials Information**

Revised July 26, 2016

**ROHS Compliant** 

**ELV Compliant** 

Pb-Free

**Halogen Free\*** 

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





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Specifications are subject to change without notice.

<sup>\*\*</sup> Values Specified were determined using PCB's with 0.070"X1.5 ounce copper traces.

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



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