

308 Constitution Drive Menlo Park, CA 94025-1164 Phone: 800-227-4856 www.circuitprotection.com

# PolySwitch® PTC Devices

**Overcurrent Protection Device** 

PRODUCT: ASMD200F

DOCUMENT: SCD26583

REV LETTER: F

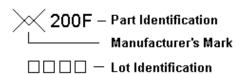
REV DATE: MAY 12, 2011

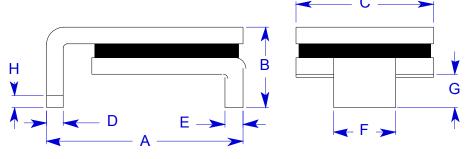
PAGE NO.: 1 OF 1

## **Specification Status: Released**

# Maximum Electrical Rating Operating Voltage / Interrupt Current 16V<sub>DC</sub> / 40A

Marking:





#### Notes:

- 1. All metal surfaces are tin plated.
- 2. Devices cannot be wave soldered.
- 3. Drawing not to scale.

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

	Α		В		С		D		E		F		G		Н
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
mm:	8.00	9.40		3.00	6.0	6.71	0.56	0.71	0.56	0.71	3.68	3.94	0.66	1.37	0.43
in*:	(0.315)	(0.370)		(0.118)	(0.24)	(0.264)	(0.022)	(0.028)	(0.022)	(0.028)	(0.145)	(0.155)	(0.026)	(0.054)	(0.017)

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

	CU	RRENT	RATING	S**		TIME TO	RESISTANCE		TRIPPED-STATE	
						TRIP**	VALUES		POWER	
									DISSIPATION**	
AMPS		AM	PS	AMPS		SECONDS AT	OHMS		WATTS AT	
AT 0°C		AT 20°C		AT 60°C		25°C, 8.65A	AT 25°C		25°C	
HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	MAX	MIN	MAX*	TYP.	
2.04	4.63	1.73	3.93	1.16	2.63	30	0.05	0.120	1.2	

<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**

ROHS Compliant ELV Compliant

Pb-Free

**Halogen Free\*** 

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





© 2006, 2011 Tyco Electronics Corporation, a TE Connectivity Ltd. Company. All rights reserved.

<sup>\*\*</sup> Values specified were determined using PCB's with 0.120"X2.0 ounce copper traces.

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