

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: ASMDC075F

DOCUMENT: SCD29098

REV LETTER: A

REV DATE: SEPTEMBER 26, 2016

PAGE NO.: 1 OF 2

Specification Status: Released

Maximum Electrical Rating

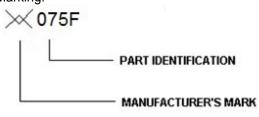
Voltage: 33V_{DC}

Short Circuit Current: 40A

Notes:

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

Marking:



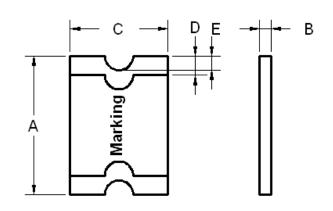


TABLE I. DIMENSIONS:

	Α		В		С		D		Е
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
mm:	7.30	7.70	0.63	0.90	4.90	5.30	0.25	0.95	0.20
in:	(0.287)	(0.303)	(0.025)	(0.035)	(0.193)	(0.209)	(0.010)	(0.037)	(800.0)

TABLE II. PERFORMANCE RATINGS:

CURRENT RATINGS**						TIME TO	RESISTANCE		TRIPPED-STATE		
						TRIP**	VALUES		POWER		
						DISSIPATION**					
AMPERES		AMPERES		AMPERES		SECONDS	OHMS		WATTS AT		
AT 0°C		AT 25°C		AT 60°C		AT 25°C, 8.0A	AT 25°C		25°C, 33V		
HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	MAX	MIN	MAX*	MAX		
0.90	1.90	0.75	1.50	0.50	1.00	0.3	0.10	0.61	1.5		

^{*} 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

Directive 2002/95/EC Compliant **ELV Compliant**

Directive 2000/53/EC Compliant Pb-Free

ree

Halogen Free*



^{**} Values Specified were determined using PCB's with 0.070"X1.5 ounce copper traces.

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



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