

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: FEMTOASMDC008F

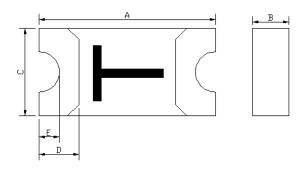
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Specification Status: Released

Maximum Electrical Rating Voltage: 12.0V_{DC} Short Circuit Current: 10A

Notes:

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



Marking:

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TABLE I. DIMENSIONS:

	Α		В		С		D		Е
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
mm:	1.40	1.80	0.45	0.85	0.60	1.00	0.10	0.50	0.075
in:	(0.055)	(0.071)	(0.017)	(0.033)	(0.023)	(0.039)	(0.004)	(0.020)	(0.003)

TABLE II. PERFORMANCE RATINGS:

CURRENT RATINGS**								TIME TO RESISTANCE		TRIPPED-STATE	
								TRIP**	VALUES		POWER
											DISSIPATION**
AMP	AMPERES		AMPERES		AMPERES		ERES	SECONDS	OHMS		WATTS AT
AT	AT 0°C		AT 25°C		AT 60°C		35°C	AT 25°C, 0.6A	AT 25°C		25°C, 12.0V
HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	MAX	MIN	MAX*	MAX
0.10	0.24	0.08	0.20	0.06	0.14	0.04	0.09	0.1	2.80	14.00	0.5

* Maximum resistance is measured 1 hour after reflow.

** Values specified were determined using PCB's with 0.030"x1.0 ounce copper traces.

Reference Documents:PS300, PS400Precedence: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



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

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