

PolySwitch® PTC Devices Overcurrent Protection Device

PRODUCT: microSMD050F

DOCUMENT: SCD25266 REV LETTER: H REV DATE: JULY 26, 2016 PAGE NO.: 1 OF 2

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Specification Status: Released

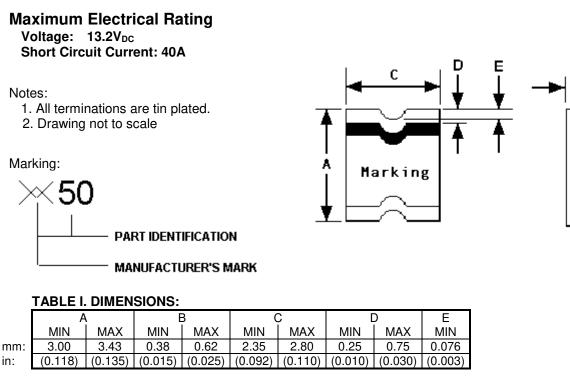


TABLE II. PERFORMANCE RATINGS:

ſ		CUF	RENT F	RATINO	GS**		TIME TO	RESIS	TANCE	TRIPPED-
							TRIP**	VALUES		STATE POWER
										DISSIPATION**
	AMPERES		AMPERES		AMPERES		SECONDS	OHMS		WATTS AT
	AT 0°C		AT 20°C		AT 60°C		AT 20°C, 8A	AT 20°C		20°C, 13.2V
	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	MAX	MIN	MAX*	MAX
ĺ	0.58	1.16	0.50	1.00	0.35	0.70	0.05	0.25	0.90	0.8

*Maximum resistance is measured 1 hour after reflow.

** Values specified were determined using PCB's with 0.030"X1.5 ounce copper traces.

Agency Recognition: UL, CSA, TÜV Reference Documents: PS300 Precedence: This specification

This specification takes precedence over documents referenced herein. Reference documents shall be the issue in effect on the date of invitation for bid.

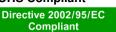
Operation beyond the rated voltage or current may result in rupture, electrical arcing or flame.

Materials Information

ROHS Compliant

Effectivity:

CAUTION:









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



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