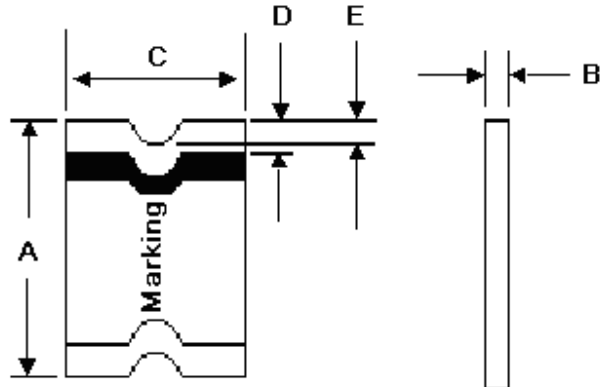


**Specification Status: Released**

**Maximum Electrical Rating**

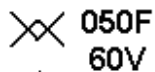
**Voltage: 60V<sub>DC</sub>**  
**Short Circuit Current: 10A**



**Notes:**

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

**Marking:**



PART IDENTIFICATION

MANUFACTURER'S MARK

**TABLE I. DIMENSIONS:**

	A		B		C		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	4.70	5.31	0.63	0.89	4.19	4.81	0.25	0.95	0.25	--
in:	(0.185)	(0.209)	(0.025)	(0.035)	(0.165)	(0.189)	(0.010)	(0.040)	(0.010)	--

**TABLE II. PERFORMANCE RATINGS:**

CURRENT RATINGS **						TIME TO TRIP **	RESISTANCE VALUES		TRIPPED-STATE POWER DISSIPATION**
AMPERES AT 0°C		AMPERES AT 20°C		AMPERES AT 60°C		SECONDS AT 20°C, 8A MAX	OHMS AT 20°C		WATTS AT 20°C, 60V MAX
HOLD	TRIP	HOLD	TRIP	HOLD	TRIP		MIN	MAX*	
0.70	1.40	0.55	1.10	0.35	0.70	0.1	0.20	1.1	1.0

\* Maximum resistance is measured 1 hour after reflow

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

Agency Recognition: UL, CSA, TÜV

Reference Document: PS300

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**



**Halogen Free\***



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



**PolySwitch®**  
**PTC Devices**  
**Overcurrent Protection Device**

**PRODUCT: decaSMDC050F/60**

DOCUMENT: SCD25834  
REV LETTER: H  
REV DATE: JULY 26, 2016  
PAGE NO.: 2 OF 2

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