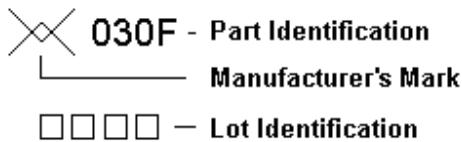


Specification Status: Released
Maximum Electrical Ratings
Operating Voltage / Interrupt Current

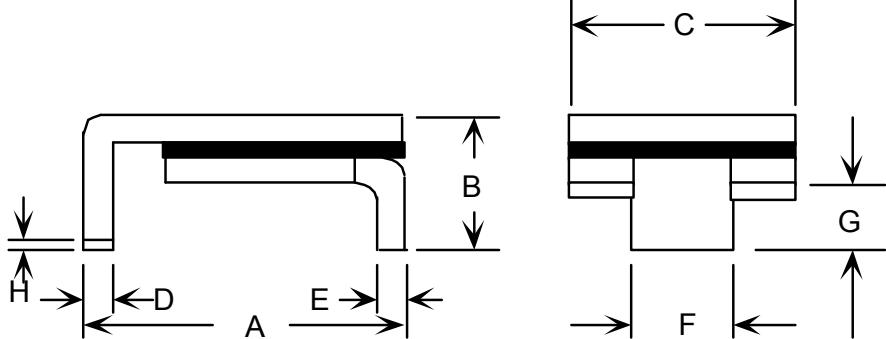
 60V_{DC} / 10A

 12V_{DC} / 60A

 5V_{DC} / 125A

Marking:


030F - Part Identification
 Manufacturer's Mark
 XXXX - Lot Identification


Notes:

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

TABLE I. DIMENSIONS:

	A MIN	A MAX	B MIN	B MAX	C MIN	C MAX	D MIN	D MAX	E MIN	E MAX	F MIN	F MAX	G MIN	G MAX	H MIN	
mm:	6.73	7.98	--	3.18	4.8	5.44	0.56	0.71	0.56	0.71	2.16	2.41	0.66	1.37	0.43	
in*:	(0.265)	(0.314)	--	(0.125)	(0.19)	(0.214)	(0.022)	(0.028)	(0.022)	(0.028)	(0.028)	(0.085)	(0.095)	(0.026)	(0.054)	(0.017)

TABLE II. PERFORMANCE RATINGS:

CURRENT RATINGS**						TIME TO TRIP**	RESISTANCE VALUES	TRIPPED-STATE POWER DISSIPATION**	
AMPS AT 0°C HOLD		AMPS AT 20°C HOLD		AMPS AT 60°C HOLD		SECONDS AT 20°C, 1.5 A MAX	OHMS AT 20°C MIN	WATTS AT 20°C MAX	
0.32	0.64	0.30	0.60	0.19	0.39	3.0	1.2	4.8	1.7

* 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: SMD030F

DOCUMENT: SCD25167
REV LETTER: G
REV DATE: JULY 26, 2016
PAGE NO.: 2 OF 2

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