

Specification Status: Released

Maximum Electrical Ratings

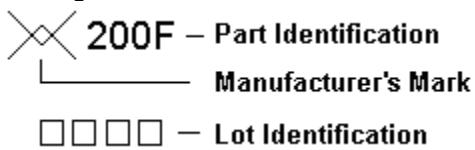
Operating Voltage / Interrupt Current

 15V_{DC} / 40A

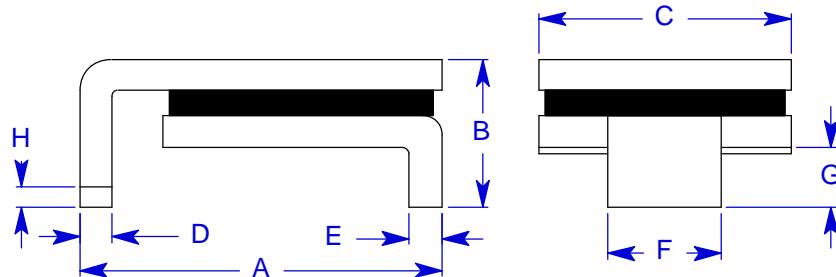
 12V_{DC} / 60A

 5V_{DC} / 125A

Marking:



200F – Part Identification
 Manufacturer's Mark
 □□□□ – Lot Identification



Notes:

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

TABLE I. DIMENSIONS:

mm:	A		B		C		D		E		F		G		H
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
mm:	8.00	9.40	--	3.00	6.00	6.71	0.56	0.71	0.56	0.71	3.68	3.94	0.66	1.37	0.43
in*:	(0.315)	(0.370)	--	(0.118)	(0.236)	(0.264)	(0.022)	(0.028)	(0.022)	(0.028)	(0.145)	(0.155)	(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, 8.0A MAX	OHMS AT 20°C MAX	MIN	MAX*	WATTS AT 20°C MAX
2.3	4.6	2.0	4.0	1.3	2.8	12.0	0.050	0.125		1.9

* Maximum resistance is measured 1 hour after reflow.

** Values specified were determined using PCB's with 0.120"X2.0 ounce copper traces.

Agency Recognition:

UL, CSA and TÜV

Reference Documents:

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

ELV Compliant

Pb-Free

Halogen Free*


 Directive 2002/95/EC Compliant


 Directive 2000/53/EC Compliant


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



Expertise Applied | Answers Delivered

PolySwitch®
PTC Devices
Overcurrent Protection Device

PRODUCT: SMD200F

DOCUMENT: SCD25660
REV LETTER: F
REV DATE: JULY 26, 2016
PAGE NO.: 2 OF 2

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