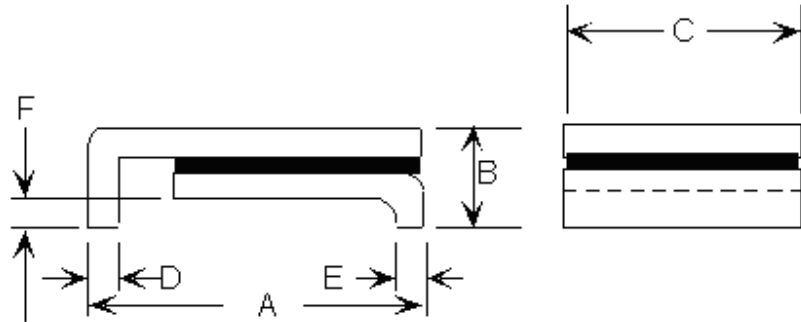


Specification Status: Released

Maximum Electrical Rating
Operating Voltage / Interrupt Current
6V_{DC} / 40A

Marking:

- A20F** - 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:

	A		B		C		D		E		F	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	4.72	5.44	--	1.52	4.22	4.93	0.25	0.36	0.25	0.36	0.30	0.46
in*:	(0.186)	(0.214)	--	(0.060)	(0.166)	(0.194)	(0.010)	(0.014)	(0.010)	(0.014)	(0.012)	(0.018)

TABLE II. PERFORMANCE RATINGS:

CURRENT RATINGS**						TIME TO TRIP**	RESISTANCE VALUES		TRIPPED-STATE POWER DISSIPATION**
AMPS AT 0°C		AMPS AT 20°C		AMPS AT 60°C		SECONDS AT 20°C, 8.0A	OHMS AT 20°C		WATTS AT 20°C
HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	MAX	MIN	MAX*	MAX
2.27	4.76	2.00	4.20	1.46	3.07	3.0	0.048	0.100	1.5

* 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: SMD200F-2018

DOCUMENT: SCD25563
REV LETTER: G
REV DATE: JULY 26, 2016
PAGE NO.: 2 OF 2

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