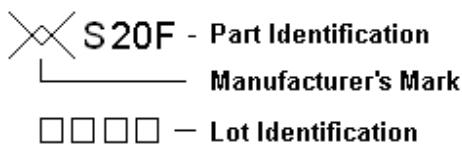


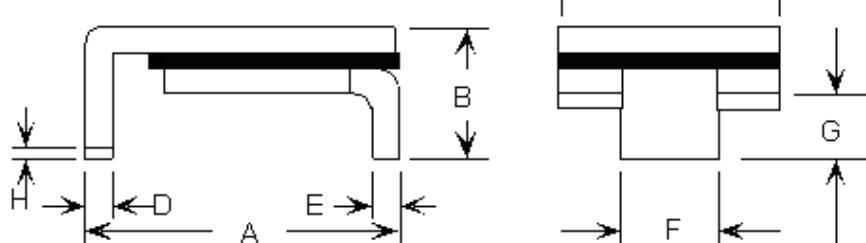
Specification Status: Released
Maximum Electrical Ratings

 Operating Voltage / Interrupt Current
24V_{DC} / 40A

Marking:



 **S20F** - 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: in*:	A		B		C		D		E		F		G		H	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm: in*:	6.73 (0.265)	7.98 (0.314)	-- --	3.00 (0.118)	4.8 (0.19)	5.44 (0.214)	0.56 (0.022)	0.71 (0.028)	0.56 (0.022)	0.71 (0.028)	2.16 (0.085)	2.41 (0.095)	0.66 (0.026)	1.37 (0.054)	0.43 (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 MIN	OHMS AT 20°C MAX*	WATTS AT 20°C MAX
2.3	4.6	2.0	4.0	1.4	2.9	5	0.050	0.125	1.5

* Maximum resistance is measured 1 hour after reflow.

** Values specified were determined using PCB's with 0.100"X2.0 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

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.



PolySwitch®
PTC Devices
Overcurrent Protection Device

PRODUCT: SMD200F/24-2920

DOCUMENT: SCD28063

REV LETTER: C

REV DATE: JULY 26, 2016

PAGE NO.: 2 OF 2

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