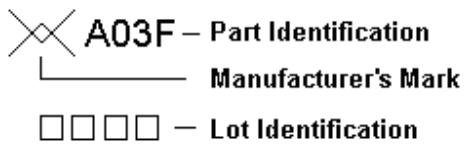


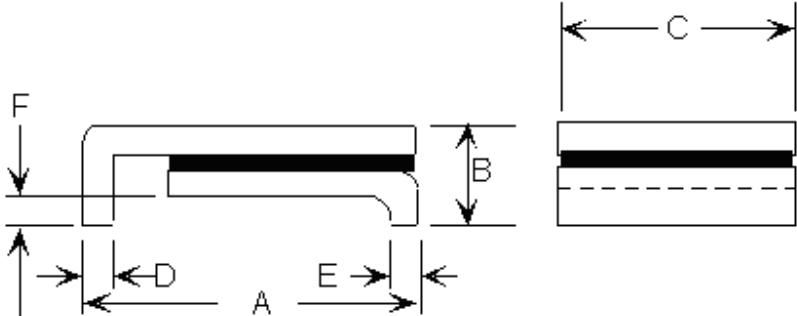
Specification Status: Released
Maximum Electrical Rating

Operating Voltage / Interrupt Current

 60V_{DC} / 20A

Marking:


 A03F – 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 MIN	A MAX	B MIN	B MAX	C MIN	C MAX	D MIN	D MAX	E MIN	E MAX	F MIN	F MAX
mm:	4.72	5.44	--	1.78	4.22	4.93	0.25	0.36	0.25	0.36	0.30	0.46
in*:	(0.186)	(0.214)	--	(0.070)	(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 HOLD		AMPS AT 20°C HOLD		AMPS AT 60°C HOLD					
0.35	0.90	0.30	0.80	0.17	0.45	1.5	0.50	2.30	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: SMD030F-2018

DOCUMENT: SCD25559

REV LETTER: H

REV DATE: JULY 26, 2016

PAGE NO.: 2 OF 2

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