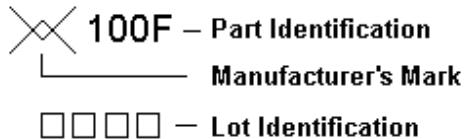
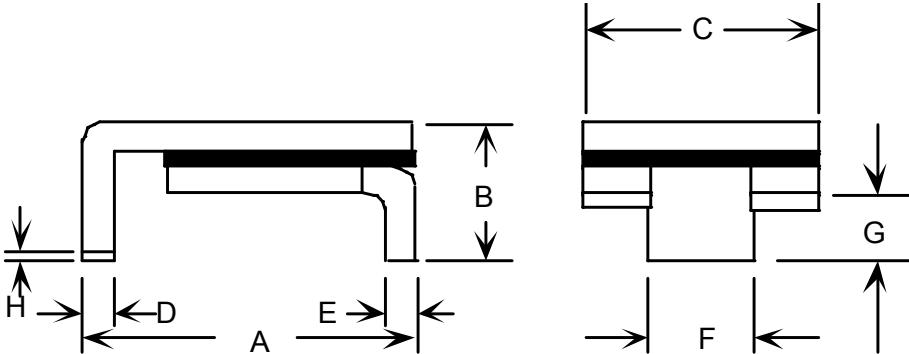


**Specification Status: Released**
**Maximum Electrical Ratings**
**Operating Voltage / Interrupt Current**

 30V<sub>DC</sub> / 40A

 12V<sub>DC</sub> / 60A

 5V<sub>DC</sub> / 125A

**Marking:**

 100F – 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
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	0.4
mm: in*:	6.7 (0.265)	7.9 (0.31)	-- (--)	3.0 (0.118)	4.8 (0.19)	5.4 (0.21)	0.5 (0.022)	0.8 (0.028)	0.5 (0.022)	0.8 (0.028)	2.1 (0.085)	2.5 (0.095)	0.7 (0.03)	1.3 (0.05)	0.4 (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 25°C, 4.5A MAX	OHMS AT 25°C	WATTS AT 25°C TYP.		
AMPS TRIP	AMPS TRIP	AMPS TRIP	AMPS TRIP	AMPS TRIP	AMPS TRIP	MIN	MAX*			
1.06	2.54	0.90	2.16	0.60	1.44	20	0.098	0.48	1.1	

\* Maximum resistance is measured 1 hour after reflow.

\*\* Values specified were determined using PCB's with 0.070"X1.5 ounce copper traces.

**Reference Documents:**

PS300, PS400

**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