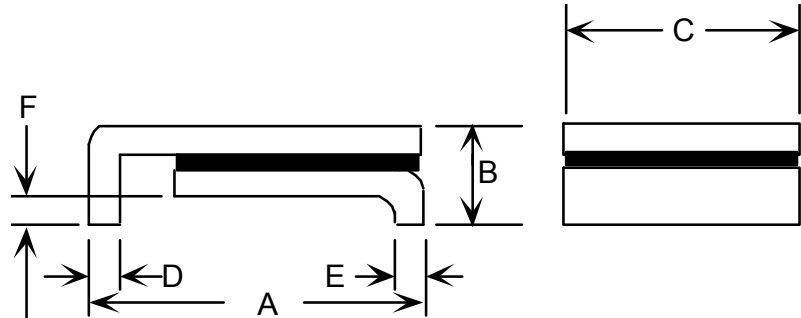
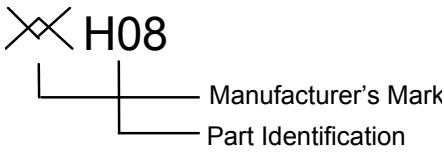


**Specification Status: Released**

**Maximum Electrical Rating**  
Operating Voltage / Interrupt Current  
**16V<sub>DC</sub> / 70A**

Marking:



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 20°C			SECONDS AT 20°C, 8.0A MAX	OHMS AT 20°C		WATTS AT 20°C
HOLD	TRIP			MIN	MAX*	TYP.
0.80	2.00		9.0	0.130	0.550	1.5

\* Maximum resistance is measured 1 hour after reflow.

\*\* Values specified were determined using PCB's with 0.120"X2.0 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**

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: AHS080-2018**

DOCUMENT: SCD24509  
REV LETTER: H  
REV DATE: JULY 26, 2016  
PAGE NO.: 2 OF 2

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