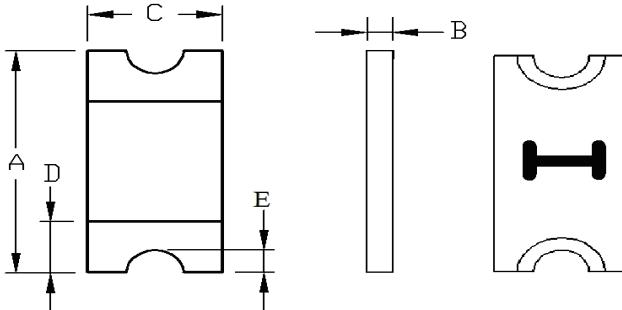


Specification Status: Released

Maximum Electrical Rating

Voltage: 6.0V_{DC}
Short Circuit Current: 100A
Notes:

1. All terminations are Tin plated.
2. Drawing not to scale

Marking: I

TABLE I. DIMENSIONS:

mm: in:	A MIN		B MAX		C MIN		D MAX		E MIN
	2.00 (0.079)	2.20 (0.087)	0.44 (0.017)	0.68 (0.027)	1.30 (0.051)	1.50 (0.059)	0.25 (0.010)	0.75 (0.030)	0.076 (0.003)

TABLE II. PERFORMANCE RATINGS:

CURRENT RATINGS**						TIME TO TRIP**	RESISTANCE VALUES		TRIPPED-STATE POWER DISSIPATION**
AMPERES AT 0°C HOLD		AMPERES AT 25°C HOLD		AMPERES AT 60°C HOLD		SECONDS AT 25°C, 1.75A MAX	OHMS AT 25°C MIN	WATTS AT 25°C, 6.0V MAX	
0.44	0.90	0.35	0.75	0.26	0.51	0.2	0.35	1.40	0.5

* Maximum resistance is measured 1 hour after reflow.

** Values specified were determined using PCB's with 0.020" x 1.5 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.



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PolySwitch®
PTC Devices
Overcurrent Protection Device

PRODUCT: picoSMDC035S

DOCUMENT: SCD27701

REV LETTER: E

REV DATE: JULY 26, 2016

PAGE NO.: 2 OF 2

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