

Specification Status: Released

Maximum Electrical Rating

Voltage: 16V_{DC}
Short Circuit Current: 50A

Notes:

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

Marking

H35 — PART IDENTIFICATION

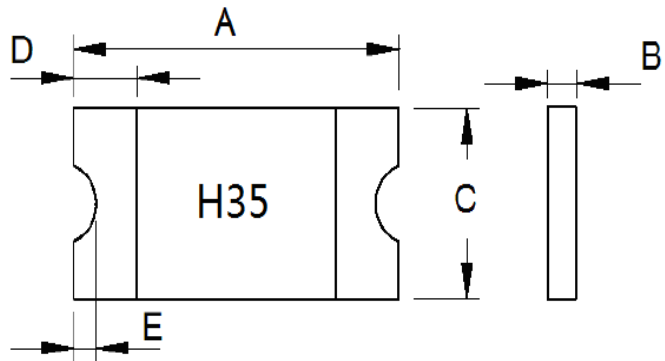


TABLE I. DIMENSIONS:

A		B		C		D		E
MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
3.00	3.40	0.91	1.14	1.37	1.80	0.25	0.75	0.076
(0.118)	(0.134)	(0.036)	(0.045)	(0.054)	(0.071)	(0.010)	(0.030)	(0.003)

TABLE II. PERFORMANCE RATINGS:

CURRENT RATINGS**						TIME TO TRIP**	RESISTANCE VALUES		TRIPPED-STATE POWER DISSIPATION**
AMPERES AT 0°C		AMPERES AT 25°C		AMPERES AT 60°C		SECONDS AT 25°C, 3.5A MAX	OHMS AT 25°C		WATTS AT 25°C, 16V MAX
HOLD	TRIP	HOLD	TRIP	HOLD	TRIP		MIN	MAX*	
0.43	1.22	0.35	0.95	0.26	0.71	0.2	0.20	1.60	1.0

* Resistance is measured 1 hour after reflow.

** Values specified were determined using PCB's with 0.030"X1.5 ounce copper traces.

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: nanoASMDCH035F

DOCUMENT: SCD29183
REV LETTER: A
REV DATE: SEPTEMBER 14, 2017
PAGE NO.: 2 OF 2

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