

ANTREX Electronics

Electronic Components Sourcing Information

Product Reference Information

Part Number: MINISMDC050-2

Manufacturer: Littelfuse Inc.

Package: 1812 (4532 Metric), Concave

Availability: Please confirm with sales

Product Page:

<https://antrexco.com/product/details/littelfuse-inc/minismdc050-2.html>

Request a Quote:

[Submit RFQ for this part](#)



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Contact Information

Email: info@antrexco.com

WhatsApp: +86-186-8066-5326

Website: <https://antrexco.com>

Quality & Trust

New & Original Components

Supplier verification and packaging condition review

CoC / RoHS / REACH documents available on request

Secure sourcing support for OEM / EMS projects

Note:

This PDF includes an ANTREX product reference cover page.

The original manufacturer datasheet follows from the next page.

Tyco / Electronics
Raychem Circuit Protection
308 Constitution Drive
Menlo Park, CA 94025-1164
Phone: 800-227-4856
Fax: 800-227-4866

PolySwitch®
PTC Devices
Overcurrent Protection Device

PRODUCT: miniSMDC050

DOCUMENT: SCD 23384
PCN: 450691
REV LETTER: G
REV DATE: JUNE 6, 2002
PAGE NO.: 1 OF 1

Specification Status: RELEASED

Maximum Electrical Rating

Voltage: 24V_{DC}

Short Circuit Current: 100A

Notes:

1. All terminations are tin/lead plated.
2. Devices can be wave soldered.
3. Drawing not to scale

Marking:

5 X 9

PART IDENTIFICATION

MANUFACTURER'S MARK

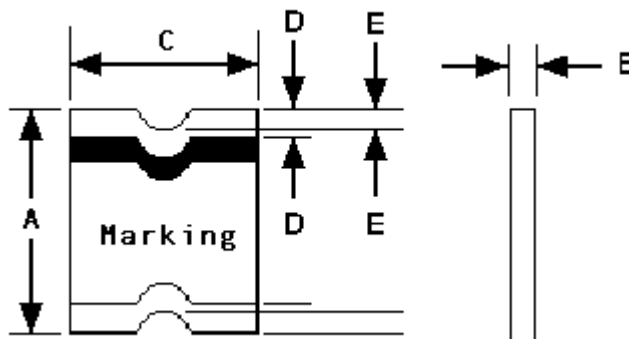


TABLE I. DIMENSIONS:

	A		B		C		D	E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MIN	MAX
mm:	4.37	4.73	0.38	0.62	3.07	3.41	0.30	0.25	0.50
in:	(0.172)	(0.186)	(0.015)	(0.025)	(0.121)	(0.134)	(0.012)	(0.010)	(0.020)

TABLE II. PERFORMANCE RATINGS:

CURRENT RATINGS**			TIME TO TRIP** @ 8.0A	RESISTANCE VALUES		TRIPPED-STATE POWER DISSIPATION**
AMPERES AT - 40°C HOLD	AMPERES AT 20°C HOLD	AMPERES AT 60°C HOLD	SECONDS AT 20°C MAX	OHMS AT 20°C MIN	OHMS AT 20°C MAX*	WATTS AT 20°C MAX
0.59	0.50	0.35	0.15	0.15	1.00	0.8

* Maximum resistance is measured 1 hour after reflow.

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

Reference Documents:

PS300, E. N. SMD1.0x

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:
flame.

Operation beyond the rated voltage or current may result in rupture, electrical arcing or flame.