

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: microSMDCH010F

DOCUMENT: SCD27510 REV LETTER: C REV DATE: JULY 26, 2016 PAGE NO.: 1 OF 2

Specification Status: Released

Maximum Electrical Rating Voltage: 30V_{DC} Short Circuit Current: 10A

Notes:

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

Marking:

H01 — PART IDENTIFICATION

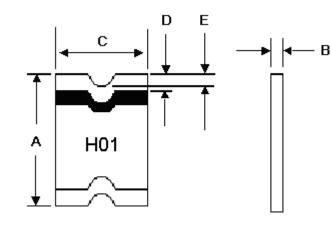


TABLE I. DIMENSIONS:

	А		В		С		D		E
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
mm:	3.00	3.43	0.57	0.97	2.35	2.80	0.25	0.75	0.076
in:	(0.118)	(0.135)	(0.022)	(0.038)	(0.092)	(0.110)	(0.010)	(0.030)	(0.003)

TABLE II. PERFORMANCE RATINGS:

	CUF	RRENT	RATIN	GS**		TIME TO TRIP**	RESISTANCE VALUES		TRIPPED-STATE POWER	
									DISSIPATION**	
AMPERES AMPER			ERES	AMPERES		SECONDS	OHMS		WATTS AT	
AT 0°C		AT 25°C		AT 85°C		AT 25°C, 1A	AT 25°C		25°C, 30V	
HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	MAX	MIN	MAX*	MAX	
0.15	0.52	0.10	0.35	0.05	0.17	0.1	1.20	11.0	0.9	

*Maximum resistance is measured 1 hour after reflow.

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

Agency Recognition:	None				
Reference Documents:	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.				
Matariala Information					

Materials Information



* Halogen Free refers to: Br≤900ppm, Cl≤900ppm, Br+Cl≤1500ppm



PolySwitch® PTC Devices Overcurrent Protection Device

PRODUCT: microSMDCH010F

DOCUMENT: SCD27510 REV LETTER: C REV DATE: JULY 26, 2016 PAGE NO.: 2 OF 2

Information furnished is believed to be accurate and reliable. However, users should independently evaluate the suitability of and test each product selected for their own applications. Littlefuse products are not designed for, and shall not be used for, any purpose (including, without limitation, military, aerospace, medical, lifesaving, life-sustaining or nuclear facility applications, devices intended for surgical implant into the body, or any other application in which the failure or lack of desired operation of the product may result in personal injury, death, or property damage) other than those expressly set forth in applicable Littlefuse product documentation. Warranties granted by Littlefuse shall be deemed void for products used for any purpose not expressly set forth in applicable Littlefuse documentation. Littlefuse shall not be liable for any claims or damages arising out of products used in applications not expressly intended by Littlefuse as set forth in applicable Littlefuse documentation. The sale and use of Littlefuse products is subject to Littlefuse Terms and Conditions of Sale, unless otherwise agreed by Littlefuse. 单击下面可查看定价,库存,交付和生命周期等信息

>>Littelfuse(美国力特)