

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: TSL250-130F

DOCUMENT: SCD28629

REV LETTER: A

REV DATE: OCTOBER 10, 2013

PAGE NO.: 1 OF 1

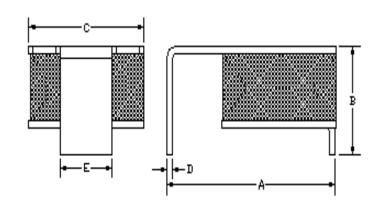
Specification Status: Released

Max Electrical Rating at

Operating Voltage: 60V_{DC} Fault Voltage: 250V_{RMS} Interrupt Current: 3A_{RMS}

Lead Material: Tin plated

brass



Marking:

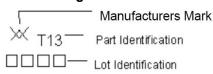


TABLE I. DIMENSIONS:

	Α		В		С		D		E	
	MIN	MAX								
mm*:	6.7	7.9	2.7	3.7	4.8	5.3	0.2	0.4	2.5	3.1
in:	(0.265)	(0.310)	(0.110)	(0.145)	(0.190)	(0.210)	(800.0)	(0.015)	(0.100)	(0.120)

TABLE II. PERFORMANCE RATINGS @ 20°C (unless otherwise noted):

IHOLD (A)	F	RESISTAN	NCE (Ω)	TIME TO TRIP(s)	OPERA	TING	TRIPPED STATE	
				@ 1A	TEMPERATURE (°C)		POWER DISSIPATION (W)	
20°C	R MIN	R MAX	R _{1 MAX} *	TYP	MIN	MAX	TYP	
0.130	4.0	8.0	12.0	2.0	-40	85	1.5	

^{*}Maximum device resistance at 20°C measured 1 hour post trip or 24 hours post reflow.

Additional Ratings @ 20°C

Lightning Withstand: ITU at 1.5kV Storage Temperature: -40° to 85° C

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.

Materials Information

ROHS Compliant

Directive 2000/53/EC Compliant **ELV Compliant**

Directive 2000/53/EC Compliant Pb-Free





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