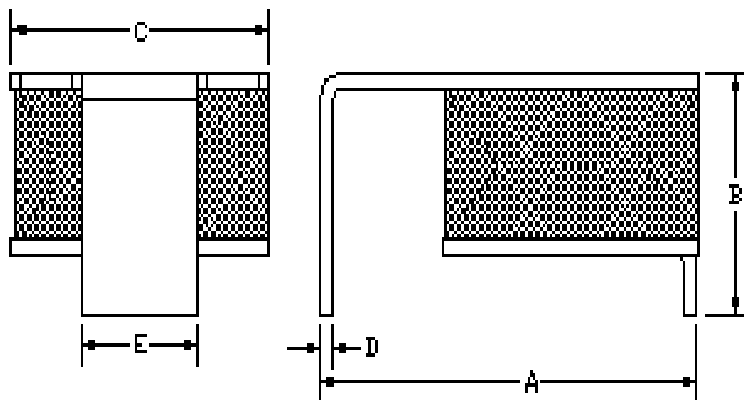


Specification Status: RELEASED

Max Electrical Rating at 20°C

 Operating Voltage: 80V_{DC}
 Fault Voltage: 250V_{RMS}
 Interrupt Current: 3A_{RMS}
Terminal Material: Tin plated brass

Marking:

- Manufacturer's Mark
- Part Identification
- Lot Identification

TABLE I. DIMENSIONS:

	A		B		C		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	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)	(0.008)	(0.015)	(0.100)	(0.120)

*Rounded off approximation

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

IHOLD (A)		RESISTANCE (Ohms)			TIME TO TRIP (s) @ 1A Seconds, Typical	OPERATING Temperature (°C)		Tripped State Power Dissipation (W) Typical
20°C	70°C	R MIN	R MAX	R ₁ MAX*		MIN	MAX	
0.080	0.044	5.0	11.0	20.0	0.8	-40	85	1.2

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

Additional Rating @ 20°C

Lightning Withstand: Per Telcordia GR1089 Intrabuilding 2 hits 2/10µsec, 1500V, 100A Storage Temperature: -40°C to 85°C

 Agency Recognition: UL, CSA, TUV
 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 2002/95/EC
Compliant

ELV Compliant

 Directive 2000/53/EC
Compliant

Pb-Free


PolySwitch[®]
PTC Devices
Overcurrent Protection Device

PRODUCT: TSL250-080F

DOCUMENT: SCD26290
REV LETTER: C
REV DATE: JULY 26, 2016
PAGE NO.: 2 OF 2

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