Tyco Electronics

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PolySwitch® PTC Devices

Overcurrent Protection Device

Raychem Circuit Protection Products

PRODUCT: RTEF135

DOCUMENT: SCD 25189
PCN: A65256
REV LETTER: C
REV DATE: AUGUST 14, 2007
PAGE NO.: 1 OF 1

Specification Status: Released

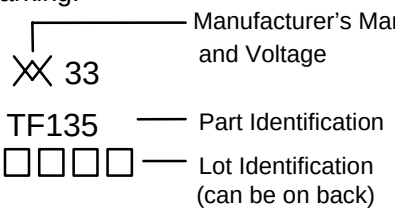
Electrical Rating

Voltage: 33V MAX
Current: 40A MAX

Insulating Material:
Cured, Flame Retardant Epoxy Polymer
meets UL94 V-0 Requirements

Lead Material:
24 AWG Tin Plated Copper Clad Steel

Marking:



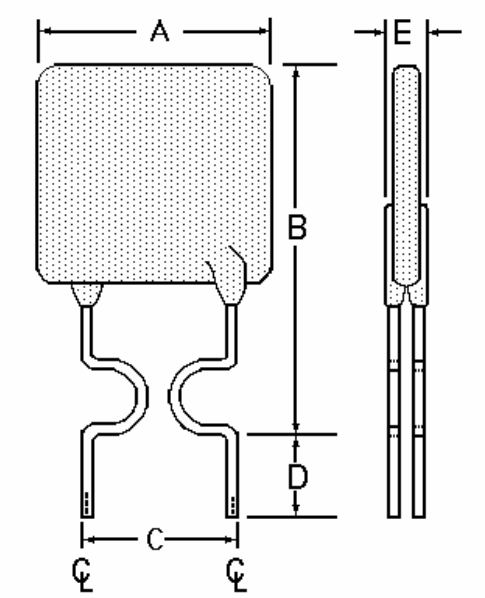


TABLE I. DIMENSIONS:

	A		B		C		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	--	7.4	--	14.2	4.3	5.8	7.6	--	--	3.0
in*:	--	(0.29)	--	(0.56)	(0.17)	(0.23)	(0.30)	--	--	(0.12)

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

I HOLD RATED CURRENT*	CURRENT RATINGS		INITIAL RESISTANCE VALUES		TIME TO TRIP	$R_{1\ MAX}$ 1 HR. POST TRIP RESISTANCE STANDARD TRIP	TRIPPED-STATE POWER DISSIPATION
AMPS AT 20°C HOLD	AMPS AT 20°C HOLD	TRIP	OHMS AT 20°C MIN	MAX	SECONDS AT 20°C, 6.75A MAX	SECONDS AT 20°C MAX	WATTS AT 20°C TYP
1.35	1.35	2.5	0.059	0.100	4.5	0.143	0.84

* Values specified were determined using PCB's w/ 0.050 x 1oz Cu traces

Agency Recognitions: 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

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