

308 Constitution Drive
Menlo Park, CA 94025-1164
Phone: 800-227-4856
www.circuitprotection.com

DOCUMENT: SCD25190
PCN: D81514
REV LETTER: **OBSELETE(D)**
REV DATE: OCTOBER 10, 2011
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:

XX 33 — Manufacturer's Mark and Voltage

TF190 — Part Identification

□□□□ — Lot Identification (can be on back)

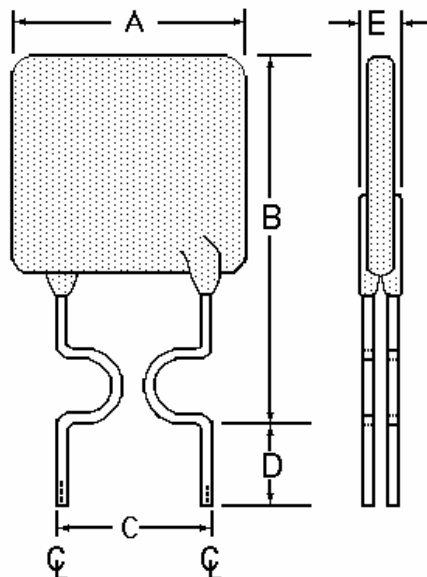


TABLE I. DIMENSIONS:

	A		B		C		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	--	8.9	--	13.5	4.3	5.8	7.6	--	--	3.0
in*:	--	(0.35)	--	(0.53)	(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 _T 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 9.5A MAX	SECONDS AT 20°C MAX	WATTS AT 20°C TYP
1.90	1.90	3.0	0.045	0.063	3.5	0.092	0.90

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

Agency Recognitions:
Reference Documents:
Precedence:
Effectivity:
CAUTION:

UL, CSA, TUV
PS300
This specification takes precedence over documents referenced herein.
Reference documents shall be the issue in effect on the date of invitation for bid.
Operation beyond the rated voltage or current may result in rupture, electrical arcing or flame.

Materials Information

ROHS Compliant

ELV Compliant

Pb-Free

Directive 2002/95/EC
Compliant

Directive 2000/53/EC
Compliant

