

## Excellent Integrated System Limited

Stocking Distributor

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[TE Connectivity Raychem Circuit Protection  
SRP350](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

**Tyco / Electronics**  
**Raychem Circuit Protection**  
 308 Constitution Drive  
 Menlo Park, CA 94025-1164  
 Phone: 800-227-4856  
 Fax: 800-227-4866

**PolySwitch®**  
**PTC Devices**  
 Overcurrent Protection Device

**PRODUCT: SRP350**

DOCUMENT: SCD 21791  
 PCN: 715141  
 REV LETTER: G  
 REV DATE: JULY 25, 2002  
 PAGE NO.: 1 OF 1

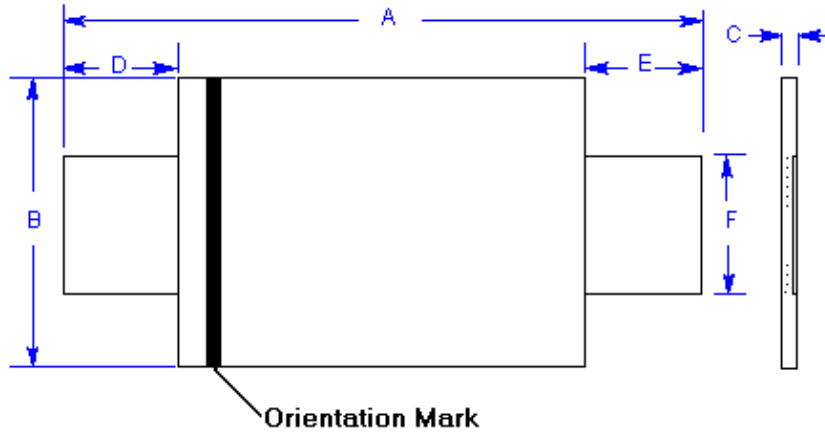
**Specification Status: RELEASED**

**Electrical Rating**  
**Voltage: 30V MAX**  
**Current: 100A MAX**

Leads:  
 Nickel: 0.125 mm Nominal Thickness

Tape:  
 Polyester

Marking:  
 Manufacturer's Mark  
 350 Part Identification  
 Lot Identification



**TABLE I. DIMENSIONS:**

	A		B		C		D		E		F		G	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	28.4	31.8	13.0	13.5	0.5	1.1	6.3	8.9	6.3	8.9	6.0	6.6	--	--
in*:	(1.12)	(1.25)	(0.51)	(0.53)	(0.02)	(0.04)	(0.25)	(0.35)	(0.25)	(0.35)	(0.24)	(0.26)	--	--

\*Rounded off approximation

**TABLE II. PERFORMANCE RATINGS:**

I HOLD	CURRENT TRIP LIMITS								TIME TO TRIP	REFERENCE RESISTANCE		ONE-HOUR POST-TRIP RESISTANCE		TRIPPED-STATE POWER DISSIPATION		
	AMPS 20°C HOLD	AMPS AT 0°C HOLD	AMPS AT 20°C TRIP	AMPS AT 60°C HOLD	AMPS AT 60°C TRIP	AMPS AT 80°C HOLD	AMPS AT 80°C TRIP	--		--	SECONDS AT 20°C, 20 A TYP	SECONDS AT 20°C, 20 A MAX	OHMS AT 20°C MIN	OHMS AT 20°C MAX	OHMS AT 20°C MIN	OHMS AT 20°C MAX
3.5	4.3	7.2	3.5	6.3	2.5	4.4	--	--	1.5	3.0	0.017	0.031	0.017	0.050	1.9	2.5

Recognitions: UL/TUV approved  
 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.