

**Specification Status: Released**

**Max Electrical Rating at 20°C**

Operating Voltage: 60V<sub>DC</sub>

Fault Voltage: 250V<sub>RMS</sub>

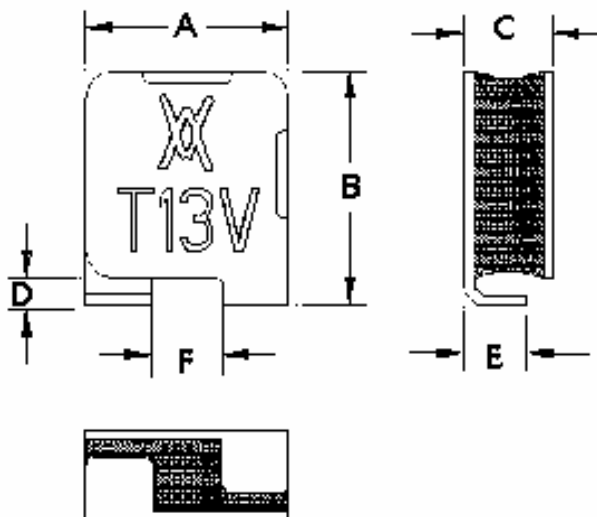
Interrupt Current: 3A<sub>RMS</sub>

Lead Material: Tin plated brass

**Marking:**

XX ——— Manufacturer's Mark

T13V ——— Part Identification



**TABLE I. DIMENSIONS:**

	A		B		C		D		E		F	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
mm:	--	6.1	-	6.9	--	3.2	0.56	--	--	1.9	1.6	2.3
in:	--	(0.240)	--	(0.270)	--	(0.126)	(0.022)	--	--	(0.075)	(0.065)	(0.091)

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

I HOLD (A)	RESISTANCE (Ω)			TIME TO TRIP (s) @ 1A TYP	OPERATING TEMPERATURE (°C)		TRIPPED STATE POWER DISSIPATION (W) TYP
	20°C	R MIN	R MAX		R <sub>1</sub> MAX*	MIN	
0.130	4.0	7.0	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

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**

**ELV Compliant**

**Pb-Free**





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

**PRODUCT: TSV250-130F**

DOCUMENT: SCD26243  
REV LETTER: C  
REV DATE: JULY 26, 2016  
PAGE NO.: 2 OF 2

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