

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# PolySwitch® PTC Devices

**Overcurrent Protection Device** 

PRODUCT: RKEF110

DOCUMENT : SCD26921

REV LETTER: E

**REV DATE: JULY 26, 2016** 

PAGE NO.: 1 OF 2

### **Specification Status: Released**

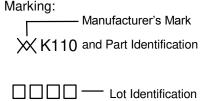
Voltage: 60V MAX
Current: 40A MAX

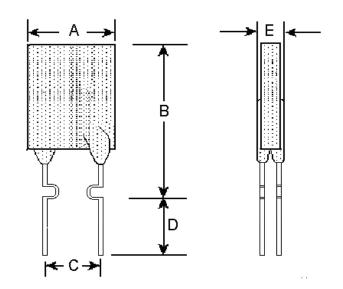
Insulating Material:

**Cured, Flame Retardant Epoxy Polymer** 

Lead Material:

20 AWG Tin Plated Copper





### **TABLE I. INSTALLATION ENVELOPE DIMENSIONS:**

	Α		В		С		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:		7.6		15.0	4.3	5.8	7.6			4.1
in*:		(0.30)		(0.59)	(0.17)	(0.23)	(0.30)			(0.16)

<sup>\*</sup>Rounded off approximation

#### **TABLE II. PERFORMANCE RATINGS:**

I HOLD	HOLD CURRENT		INITIAL		TIME TO TRIP	R <sub>1 MAX</sub>	TRIPPED-
RATED	RATED RATINGS		RESISTANCE			1 HR. POST TRIP	STATE POWER
CURRENT	URRENT		VALUES			RESISTANCE	DISSIPATION
						STANDARD TRIP	
AMPS	AMPS		OHMS		SECONDS AT	OHMS	WATTS
AT 20°C	AT 20°C		AT 20°C		20°C, 8 A	AT 20°C	AT 20°C
HOLD	HOLD	TRIP	MIN	MAX	MAX	MAX	TYP
1.10	1.10	2.20	0.17	0.28	3.0	0.47	2.2

Agency Recognitions: UL, TUV, CSA 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** 

Halogen Free\*

Directive 2002/95/EC Compliant

Directive 2000/53/EC Compliant



HF

<sup>\*</sup> Halogen Free refers to: Br≤900ppm, Cl≤900ppm, Br+Cl≤1500ppm.



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