

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

Electrical Rating Voltage: 60V MAX

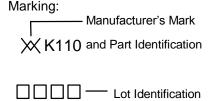
Current: 40A MAX

Insulating Material:

Cured, Flame Retardant Epoxy Polymer

Lead Material:

20 AWG Tin Plated Copper



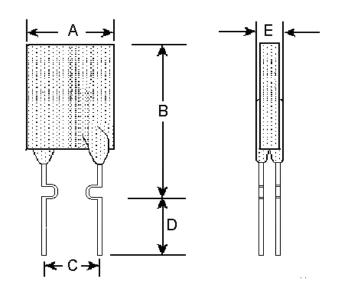


TABLE I. INSTALLATION ENVELOPE DIMENSIONS:

	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)

^{*}Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

I HOLD	I HOLD CURRENT		INITIAL		TIME TO TRIP	R _{1 MAX}	TRIPPED-
RATED	RATED RATINGS		RESISTANCE			1 HR. POST TRIP	STATE POWER
CURRENT	CURRENT		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-

Halogen Free*

Directive 2002/95/EC Compliant Directive 2000/53/EC Compliant



HF

^{*} Halogen Free refers to: Br≤900ppm, Cl≤900ppm, Br+Cl≤1500ppm.



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