

Specification Status: Released

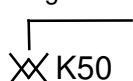
Electrical Rating
Voltage: 60V MAX
Current: 40A MAX
Insulating Material:


Cured, Flame Retardant Epoxy Polymer

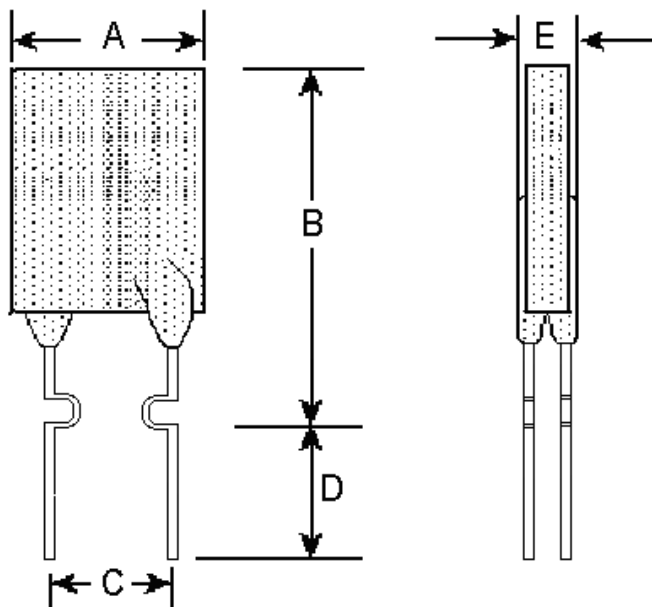
Lead Material:

24 AWG Tin Plated Copper

Marking:

 Manufacturer's Mark
 and Part Identification

 Lot Identification


TABLE I. DIMENSIONS:

	A		B		C		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	---	7.1	---	11.43	4.32	5.84	7.6	---	---	3.56
in*:	---	(0.28)	---	(0.45)	(0.17)	(0.23)	(0.3)	---	---	(0.14)

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

I HOLD RATED CURRENT	CURRENT RATINGS		INITIAL RESISTANCE VALUES		TIME TO TRIP	ONE HOUR POST-TRIP RESISTANCE STANDARD TRIP	TRIPPED- STATE POWER DISSIPATION
AMPERES AT 20°C HOLD	AMPERES AT 20°C HOLD	TRIP	OHMS AT 20°C MIN	OHMS AT 20°C MAX	SECONDS AT 20°C, 8 A MAX	OHMS AT 20°C MAX	WATTS AT 20°C NOMINAL
0.50	0.50	1.0	0.32	0.529	0.8	0.90	1.0

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


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

PolySwitch®
PTC Devices
Overcurrent Protection Device

PRODUCT: RKEF050

DOCUMENT: SCD26918
REV LETTER: E
REV DATE: JULY 26, 2016
PAGE NO.: 2 OF 2

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