



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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Specification Status: Released

Electrical Rating

Voltage: 20V MAX
Current: 100A MAX
Chip Size: 7 X 23mm
Leads: Nickel 1/4H
0.125mm nominal thickness

Tape: Polyester (White)
24mm nominal Width

Solder: Lead-free

Marking: (Color: Green)

- Manufacturer's Mark
- XX E55 — Part Identification
- — Lot Identification

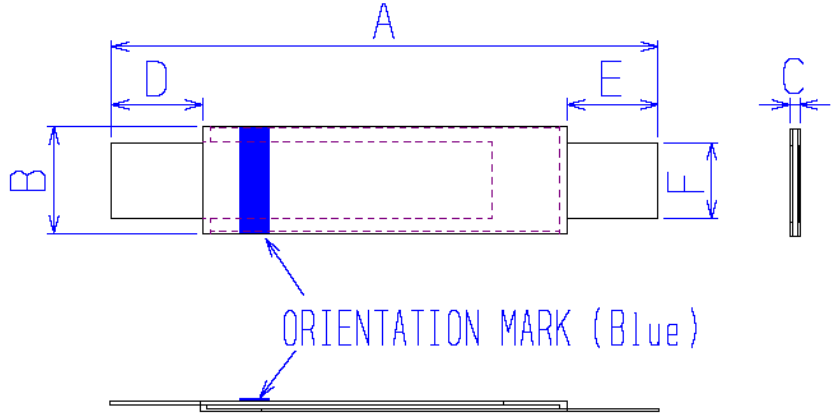


TABLE I. DIMENSIONS:

A		B		C		D		E		F	
MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
35.0	37.0	6.9	7.5	0.6	1.0	5.3	6.7	5.3	6.7	4.9	5.1
(1.38)	(1.46)	(0.27)	(0.30)	(0.02)	(0.04)	(0.21)	(0.26)	(0.21)	(0.26)	(0.19)	(0.20)

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS: As measured in Mueller Kelvin Clips model BU-75K.

I HOLD	CURRENT TRIP LIMITS								TIME TO TRIP	REFERENC E RESISTANC E	ONE-HOUR POST-TRIP RESISTANCE		TRIPPED- STATE POWER DISSIPATION			
	AMPS 20°C	AMPS AT 0°C	AMPS AT 20°C	AMPS AT 60°C	AMPS AT --°C	SECONDS AT 20°C, 27.5A	OHMS AT 20°C	OHMS AT 20°C			WATTS AT 20°C, 20V					
HOLD	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	TYP	MAX	MIN	MAX	MIN	MAX	TYP	MAX
5.5	6.2	12.0	5.5	10.5	4.0	7.8	---	---	---	5	0.009	0.016	0.009	0.022	---	2.8

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

Directive 2002/95/EC
Compliant

ELV Compliant

Directive 2000/53/EC
Compliant

Pb-Free





PolySwitch®
PTC Devices
Overcurrent Protection Device

PRODUCT: LR4-550F

DOCUMENT: SCD25850
PCN: E74816
REV LETTER: E
REV DATE: JULY 26, 2016
PAGE NO.: 2 OF 2

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