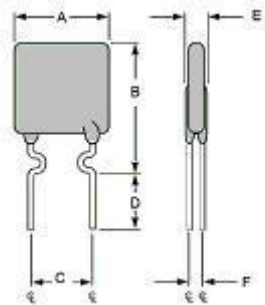






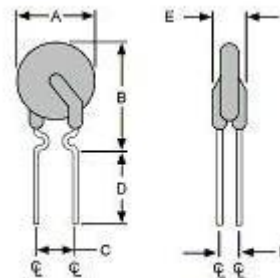
**4. Production Dimensions (millimeter)**



**Fig.1**

**Lead Size: 24AWG**

**Φ 0.51 mm Diameter**



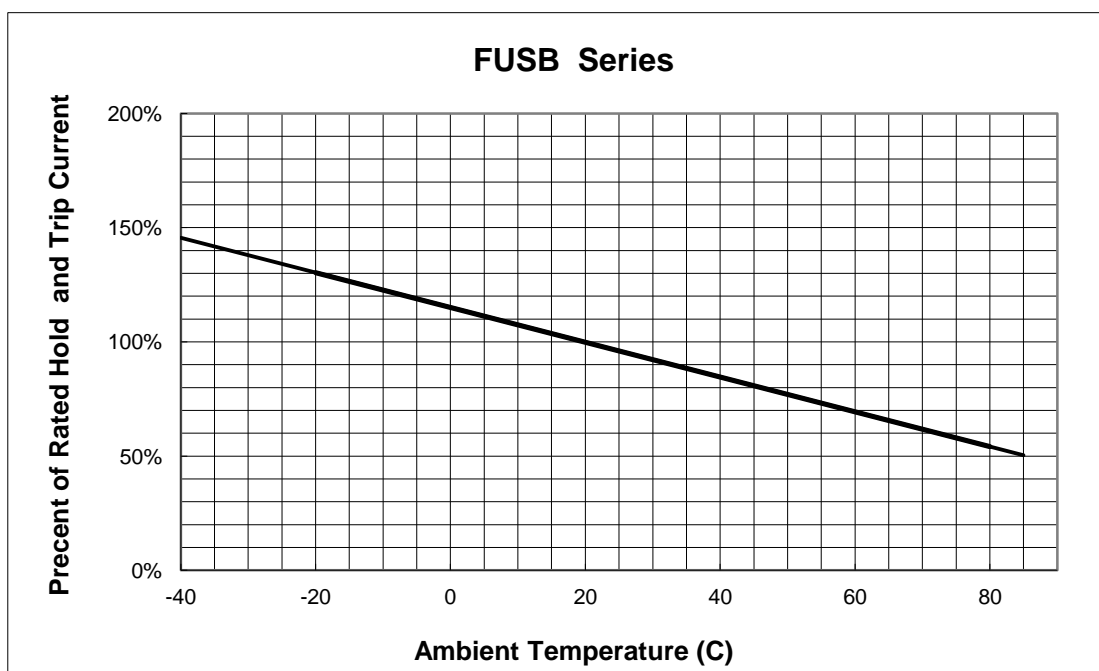
**Fig.2**

**Lead Size: 24AWG**

**Φ 0.51 mm Diameter**

Part Number	Fig	A	B	C	D	E	F
		Maximum	Maximum	Typical	Minimum	Maximum	Typical
FUSB075F	2	6.9	11.4	5.1	7.6	3.0	0.8
FUSB090F	1	7.4	12.2	5.1	7.6	3.0	0.8
FUSB110F	1	7.4	14.2	5.1	7.6	3.0	0.8
FUSB120F	2	6.9	11.7	5.1	7.6	3.0	0.8
FUSB135F	1	8.9	13.5	5.1	7.6	3.0	0.8
FUSB155F	2	6.9	11.7	5.1	7.6	3.0	0.8
FUSB160F	1	8.9	15.2	5.1	7.6	3.0	0.8
FUSB185F	1	10.2	15.7	5.1	7.6	3.0	0.8
FUSB250F	1	11.4	18.3	5.1	7.6	3.0	0.8

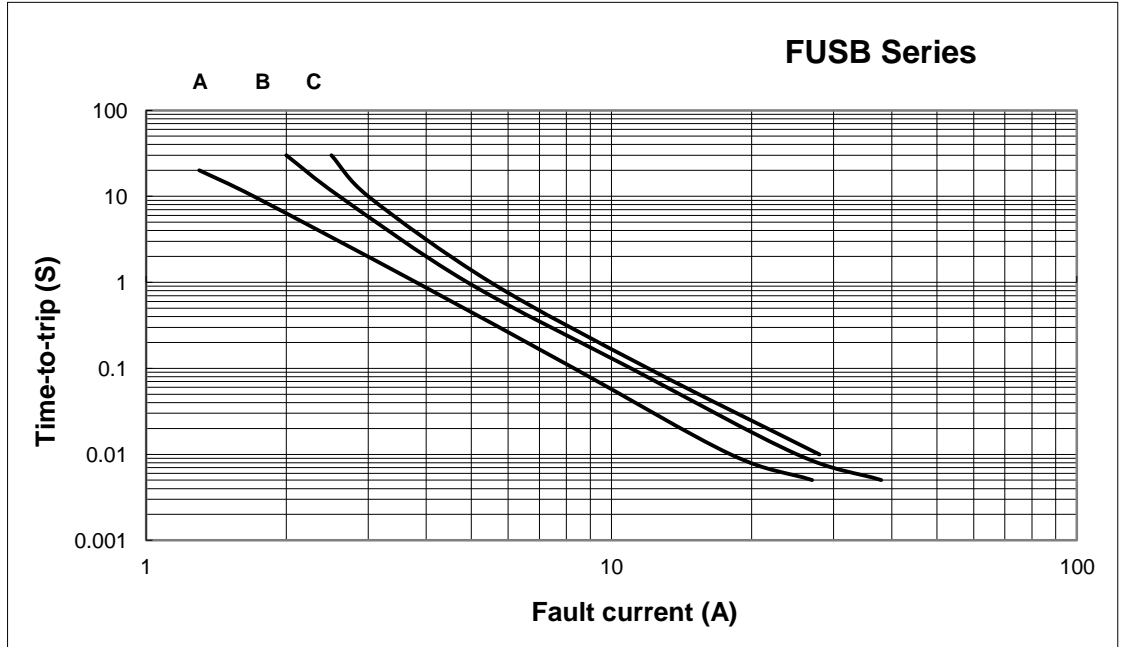
**5. Thermal Derating Curve**



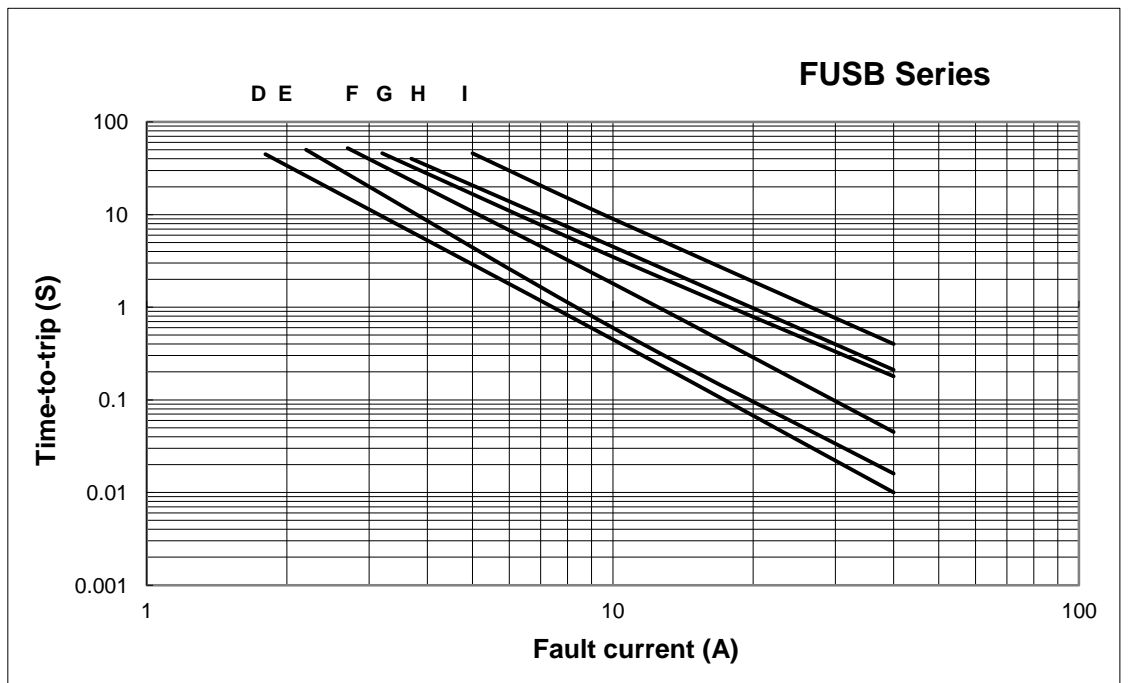


### 6. Typical Time-To-Trip at 23°C

- A = FUSB075F
- B = FUSB120F
- C = FUSB155F



- D = FUSB090F
- E = FUSB110F
- F = FUSB135F
- G = FUSB160F
- H = FUSB185F
- I = FUSB250F



 <b>FUZETEC TECHNOLOGY CO., LTD.</b>	<b>NO.</b>	<b>PQ05-101E</b>		
	<b>Product Specification and Approval Sheet</b>	<b>Version</b>	<b>9</b>	<b>Page</b>

## 7. Material Specification

Lead material: Tin plated copper clad steel, 24 AWG

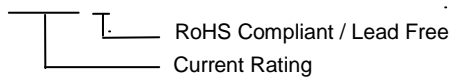
Soldering characteristics: MIL-STD-202, Method 208E

Insulating coating: Flame retardant epoxy ,meet UL-94V-0 requirement

## 8. Part Numbering and Marking System

### Part Numbering System

F U S B □ □ □ F



### Part Marking System

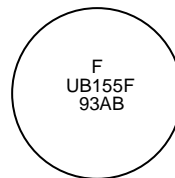
F \_\_\_\_\_ Fuzetec Logo

UB □ □ □ F

\_\_\_\_\_ RoHS Compliant / Lead Free  
 \_\_\_\_\_ Part Identification  
 \_\_\_\_\_ Product Family

□ □ □ □

\_\_\_\_\_ Date Code/Lot Number



Example

Note: Font on Marking may look slightly different due to fine turnings of each Marking printer.

### Warning: - Each product should be carefully evaluated and tested for their suitability of application.



- Operation beyond the specified maximum rating or improper use may result in damage and possible electrical arcing and/or flame.
- PPTC device are intended for occasional overcurrent protection. Application for repeated overcurrent condition and/or prolonged trip are not anticipated.
- Avoid contact of PPTC device with chemical solvent, including some inert material such as silicone based oil, lubricant and etc. Prolonged contact will damage the device performance.
- Additional protection mechanism are strongly recommended to be used in conjunction with the PPTC device for protection against abnormal or failure conditions.
- Avoid use of PPTC device in a constrained space such as potting material, housing and containers where have limited space to accommodate device thermal expansion and/or contraction.

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