

**Specification Status: Released**

**Electrical Rating**

**Voltage: 15V MAX**  
**Current: 100A MAX**

Chip Size: 5 x 7mm

Leads: Nickel 1/4H,  
 0.125mm Nominal thickness

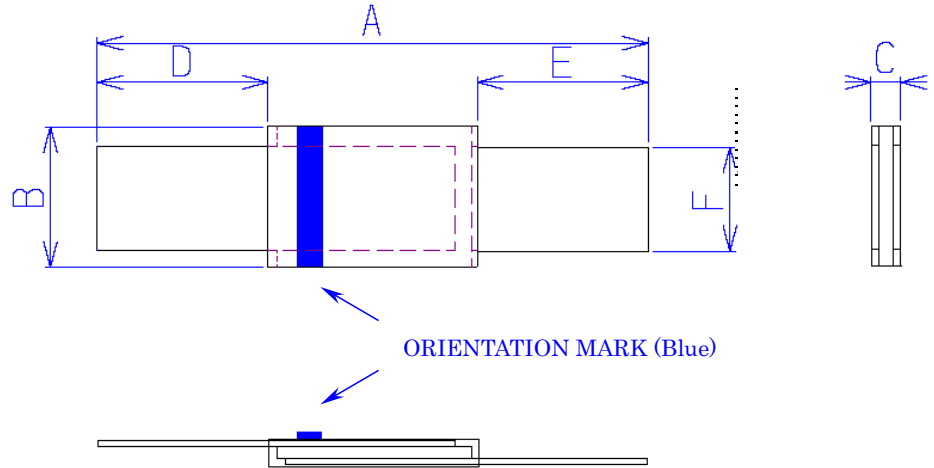
Tape: Polyester (White)  
 8mm Width

Solder: Lead-free

Lot Marking Ink Color (Green)

**Marking:**

- Manufacturer's Mark
- XX 120 — 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    |
| mm:  | 19.9   | 22.1   | 4.9    | 5.2    | 0.6    | 1.0    | 5.5    | 7.5    | 5.5    | 7.5    | 3.9    | 4.1    |
| in*: | (0.78) | (0.87) | (0.19) | (0.20) | (0.02) | (0.04) | (0.22) | (0.30) | (0.22) | (0.30) | (0.15) | (0.16) |

\*Rounded off approximation

**TABLE II. PERFORMANCE RATINGS: As measured in Muller Kelvin Clips Model BU-75K.**

| I HOLD | CURRENT TRIP LIMITS |      |              |      |              |      |              |      | TIME TO TRIP | REFERENCE RESISTANCE | ONE-HOUR POST-TRIP RESISTANCE | TRIPPED-STATE POWER DISSIPATION |              |       |                    |     |
|--------|---------------------|------|--------------|------|--------------|------|--------------|------|--------------|----------------------|-------------------------------|---------------------------------|--------------|-------|--------------------|-----|
|        | AMPS AT 0°C         |      | AMPS AT 20°C |      | AMPS AT 60°C |      | AMPS AT --°C |      |              |                      |                               |                                 | OHMS AT 20°C |       | WATTS AT 20°C, 15V |     |
| HOLD   | HOLD                | TRIP | HOLD         | TRIP | HOLD         | TRIP | HOLD         | TRIP | TYP          | MAX                  | MIN                           | MAX                             | MIN          | MAX   | TYP                | MAX |
| 1.2    | 1.5                 | 3.1  | 1.2          | 2.7  | 0.8          | 1.8  | --           | --   | --           | 5                    | 0.085                         | 0.160                           | 0.085        | 0.220 | --                 | 1.2 |

Agency Recognitions:  
 Reference Documents:  
 Precedence:  
 Effectivity:  
 CAUTION:

UL, TUV, CSA  
 PS300  
 This specification takes precedence over documents referenced herein.  
 Reference documents shall be the issue in effect on the date of invitation for bid.  
 Operation beyond the rated voltage or current may result in rupture, electrical arcing or flame