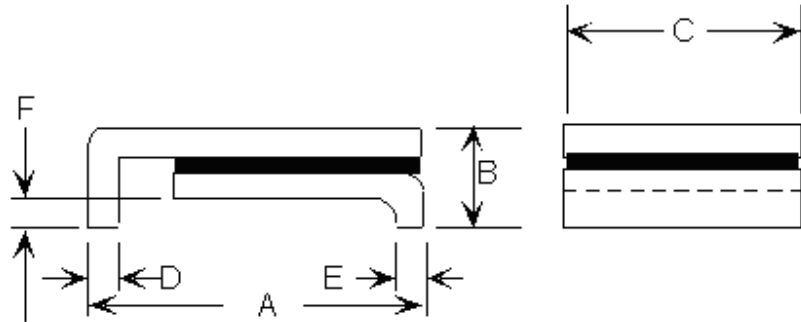


Specification Status: Released

Maximum Electrical Rating
Operating Voltage / Interrupt Current
6V_{DC} / 40A

Marking:

- A20F** - Part Identification
- Manufacturer's Mark**
- Lot Identification**



Notes:

1. All metal surfaces are tin plated.
2. Devices cannot be wave soldered.
3. Drawing not to scale.

TABLE I. DIMENSIONS:

| | A | | B | | C | | D | | E | | F | |
|------|---------|---------|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX |
| mm: | 4.72 | 5.44 | -- | 1.52 | 4.22 | 4.93 | 0.25 | 0.36 | 0.25 | 0.36 | 0.30 | 0.46 |
| in*: | (0.186) | (0.214) | -- | (0.060) | (0.166) | (0.194) | (0.010) | (0.014) | (0.010) | (0.014) | (0.012) | (0.018) |

TABLE II. PERFORMANCE RATINGS:

| CURRENT RATINGS** | | | | | | TIME TO TRIP** | RESISTANCE VALUES | | TRIPPED-STATE POWER DISSIPATION** |
|-------------------|------|--------------|------|--------------|------|-----------------------|-------------------|-------|-----------------------------------|
| AMPS AT 0°C | | AMPS AT 20°C | | AMPS AT 60°C | | SECONDS AT 20°C, 8.0A | OHMS AT 20°C | | WATTS AT 20°C |
| HOLD | TRIP | HOLD | TRIP | HOLD | TRIP | MAX | MIN | MAX* | MAX |
| 2.27 | 4.76 | 2.00 | 4.20 | 1.46 | 3.07 | 3.0 | 0.048 | 0.100 | 1.5 |

* Maximum resistance is measured 1 hour after reflow.

** Values specified were determined using PCB's with 0.070"x1.5 ounce copper traces.

Agency Recognition: UL, CSA, TÜV
 Reference Document: 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



Halogen Free*



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

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