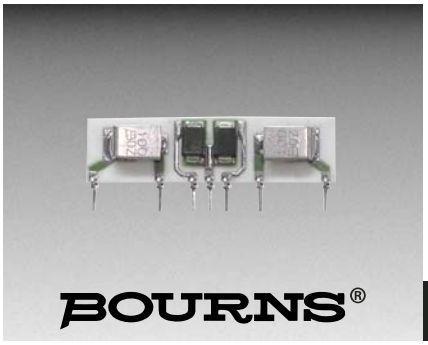


BOURNS®

Features

- Thick film technology
- Fail safe
- Protection to ITU-T K.20

Applications

- Analog Line Cards
- CPE (Customer Premises Equipment)
- DDS (Digital Data Systems)
- DLC (Digital Loop Carriers)
- T1/T3 Transmission Lines
- ISDN

D22B Line Feed Resistors w/Resettable Polymer PTC & Overvoltage Protectors

Product Characteristics

Resistor Tolerance .....±1 %
Polyswitches Matched to .....2.0 ohms
Rating .....250 V, 1.0 A
Trip Time @ 1 A .....1.1 seconds @ 20 °C
Trip Current .....125 mA @ 25 °C

Environmental Characteristics

TESTS PER MIL-STD-202
- Humidity 103B
- Solderability 208D
- Thermal Shock 107B
- Resistance to Solvents 215
- Resistance to Solder Heat 210D

Flammability .....UL 94V-0
IEC 695-2-2

Functional Characteristics

ITU-T K.20
- Lightning Surge .....1 KV
- Power Induction .....600 Vrms
- Power Contact .....230 Vrms

UL 497A

Physical Characteristics

Body Style .....Open Frame SIP
Body Material .....96% Alumina
Lead Frame Material .....Copper, solder coated
Standard Parts Available Off the Shelf .....20, 30, 50, 100 ohms

How To Order

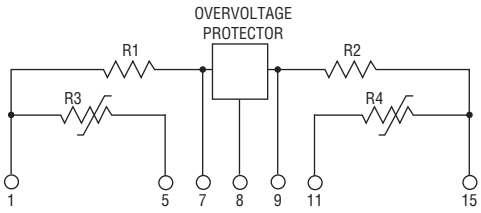
D22B 100AA

Model
(D22B = LFR w/Resettable Polymer PTC & Overvoltage Protectors)

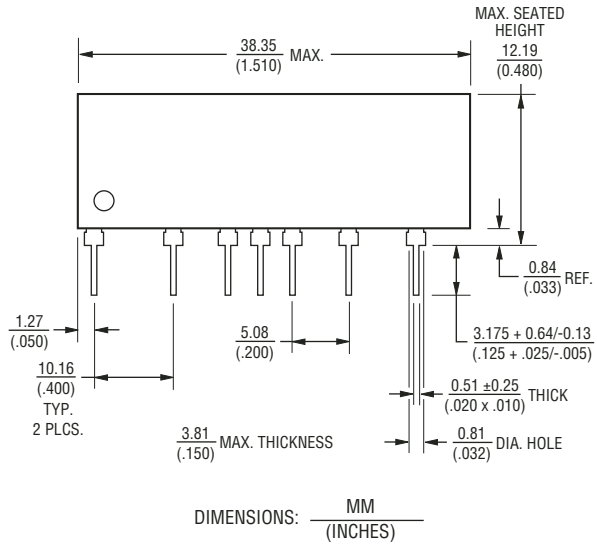
Resistor Tolerance
- 020AA = 20 ohms
- 030AA = 30 ohms
- 050AA = 50 ohms
- 100AA = 100 ohms

Custom values available; contact factory.

Circuit Schematic



Product Dimensions



DIMENSIONS: MM / (INCHES)

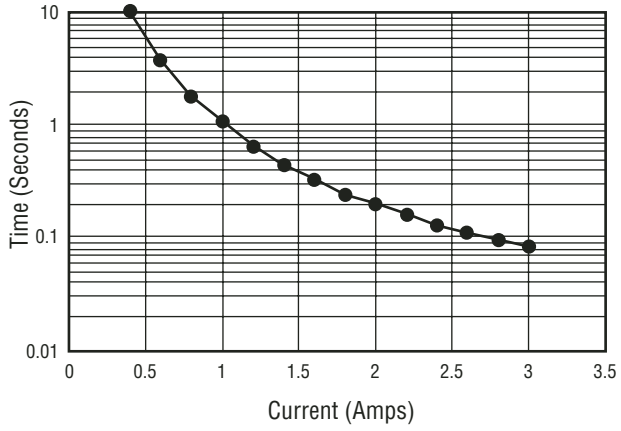
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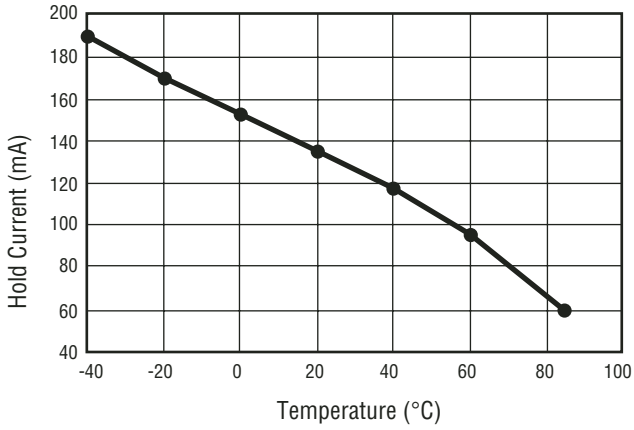
Specifications are subject to change without notice.
Customers should verify device performance in their specific applications.

Trip Characteristics

Time to Trip



Hold Current vs Temperature



Specifications are subject to change without notice.
Customers should verify device performance in their specific applications.