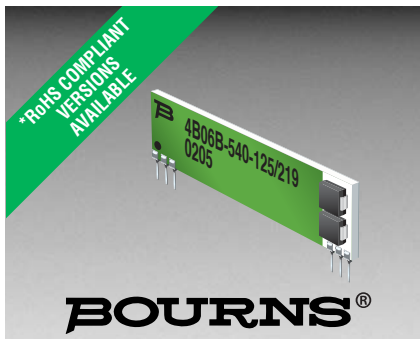




Features

- RoHS compliant* versions available
- Matched pair of resistors plus fuse with TISP® protection
- Overvoltage and overcurrent protection to BELLCORE GR-1089
- Typical application is secondary protection on telecom line cards
- User selection of TISP4xxxH3BJ

4B06B-540-V_(BO1)/V_(BO2) - Line Protection Module

Matched Pair of Resistors plus Thermal Fuse with TISP® Protection

Electrical Characteristics

Resistance Values (R1 = R2).....	10Ω
Resistance Tolerance.....	±5 %
TCR.....	100 ppm/°C
Ratio Tolerance.....	±2 %
Temperature Range.....	-40 °C to +85 °C

Physical Characteristics

Body Style	Open Frame SIP
Substrate Material	96 % Alumina
Lead Frame Material.....	Copper, solder coated
Flammability	Conforms to UL94V-0

Functional Characteristics (per Belcore GR-1089)

First Level Lightning Surge -

Resistors will remain within tolerance after testing.

1000 Volts Peak, 100 Amp Peak Current,

Max. Rise/Min. Decay Time 10x1000 μs,

60 Seconds Between Pulses

Number of Pulses25 each resistor each polarity
25 simultaneous each polarity

2500 Volts Peak, 500 Amp Peak Current,

Max. Rise/Min. Decay Time 2x10 μs,

60 Seconds Between Pulses

Number of Pulses10 simultaneous each polarity

First Level AC Power Fault -

Resistors will remain within tolerance after testing.

50 Vrms, .33 Amp Short Circuit Current,

Duration.....15 minutes

100 Vrms, .17 Amp Short Circuit Current,

Duration.....15 minutes

600 Vrms, 1.0 Amp Short Circuit Current,

Duration60 One-second pulses

Second Level Lightning Surge -

Resistor package must fail safely causing no fire, electrical, or fragmentation hazard.

5000 Volts Peak, 500 Amp Peak Current,

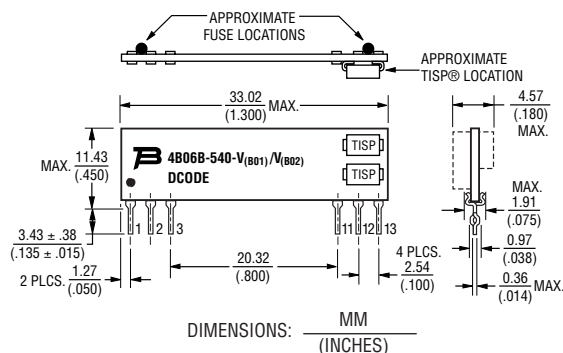
Max. Rise/Min. Decay Time 2x10 μs,

Number of Pulses1 simultaneous each polarity

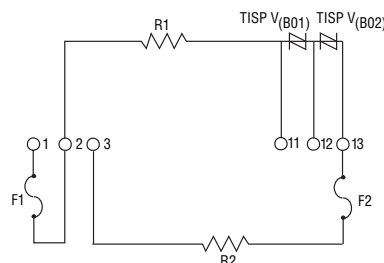
Second Level AC Power Fault -

Resistor package must fail safely causing no fire, electrical, or fragmentation hazard.

Product Dimensions



Electrical Schematic



How To Order

Model	4B 06 B - 540 - 125 / 219 L
(4B = Open Frame)	
Number of Pins	
Physical Configuration	
Electrical Configuration	
Voltage Breakover - V _(BO)	
• V _(BO1)	
• V _(BO2)	
RoHS Compliant Option	
Blank = Standard Product	
L = RoHS Compliant Product	

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