

## Features

- Overvoltage/lightning protection to ITU-T K.20/K.21/K.45
- Resettable overcurrent protection
- Typical application is secondary protection on telecom line cards

# 4B06B-514-RC - Surge Line Protection Module

### Electrical Characteristics

Resistance Value, 50 Ohm	
R1=R2=42 ohms .....	±1 %
Ratio Tolerance R1/R2 .....	±1 %
Resistance Value, 100 Ohm	
R1=R2=92 ohms .....	±1 %
Ratio Tolerance R1/R2 .....	±1 %
PPTC, R3 & R4, 8 Ohms Nominal Value	
Resistance Range .....	5 ohms to 15 ohms
Ratio Tolerance R3/R4 .....	Matched to within 1.0 ohms
Trip Time at 1 Amp .....	2 seconds at 25 °C
Hold Current .....	135 ma
Temperature Range .....	-40 °C to +85 °C

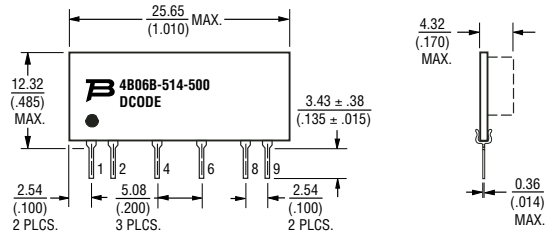
### Physical Characteristics

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

### Functional Characteristics

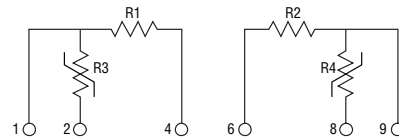
Lightning Surge Test .....	10 x 700 μs, 1.5 kV
Power Induction .....	600 V rms
Power Contact .....	230 V rms

### Product Dimensions



DIMENSIONS:  $\frac{\text{MILLIMETERS}}{\text{(INCHES)}}$

### Electrical Schematic



### How To Order

	<b>4B 06 B - 514 - XXX</b>
Model _____ (4B = Open Frame)	
Number of Pins _____	
Physical Configuration _____	
Electrical Configuration _____ 514 = Matched pair of resistors plus PPTC	
Resistance Code _____ • 500 = 50 Ω • 101 = 100 Ω	



## Circuit Protection Division

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