

Features

- RoHS compliant* versions available
- 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

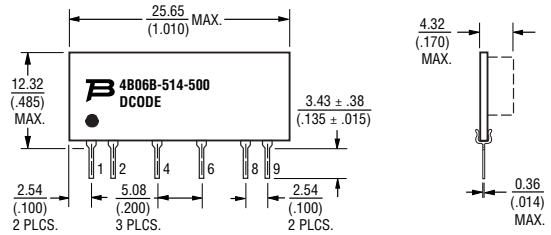
Physical Characteristics

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

Functional Characteristics

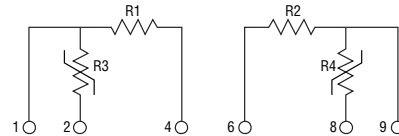
Lightning Surge Test	10 x 700 μs, 1.5 kV
Power Induction	600 V rms
Power Contact	230 V rms

Product Dimensions



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

Electrical Schematic



How To Order

Model	4B 06 B - 514 - XXX LF
(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	
RoHS Compliant Option	
Blank = Standard Product	
LF = RoHS Compliant Product	

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WARNING Cancer and Reproductive Harm

www.P65Warnings.ca.gov

*RoHS Directive 2015/863, Mar 31, 2015 and Annex.

Specifications are subject to change without notice.

Users should verify actual device performance in their specific applications.

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REV. 09/19

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