

## EJ2010B 10/100 Ethernet Protector

### Surge Suppression Solutions

#### FEATURES

- Optimum protection for 10/100 Ethernet backhaul circuits
- RJ-45 jacks for easy installation
- Advanced state-of-the-art transient surge and lightning protection

ACData's EJ2010B provides robust lightning and induced transient protection for 10/100 BaseT Ethernet circuits. The EJ2010B is designed to be used at both ends of the Ethernet circuit, thereby protecting both the switch/router and the terminal equipment.

The multi-stage hybrid design uses gas tubes coordinated with bridged high capacity silicon avalanche diodes (SADs). The solid state SADs intercept the leading edge of the surge with sub-nanosecond response time. The gas tubes crowbar the brunt of the surge to ground. Our unique circuit design dramatically lowers effective capacitance, allowing much higher data rates than simple SAD circuits.

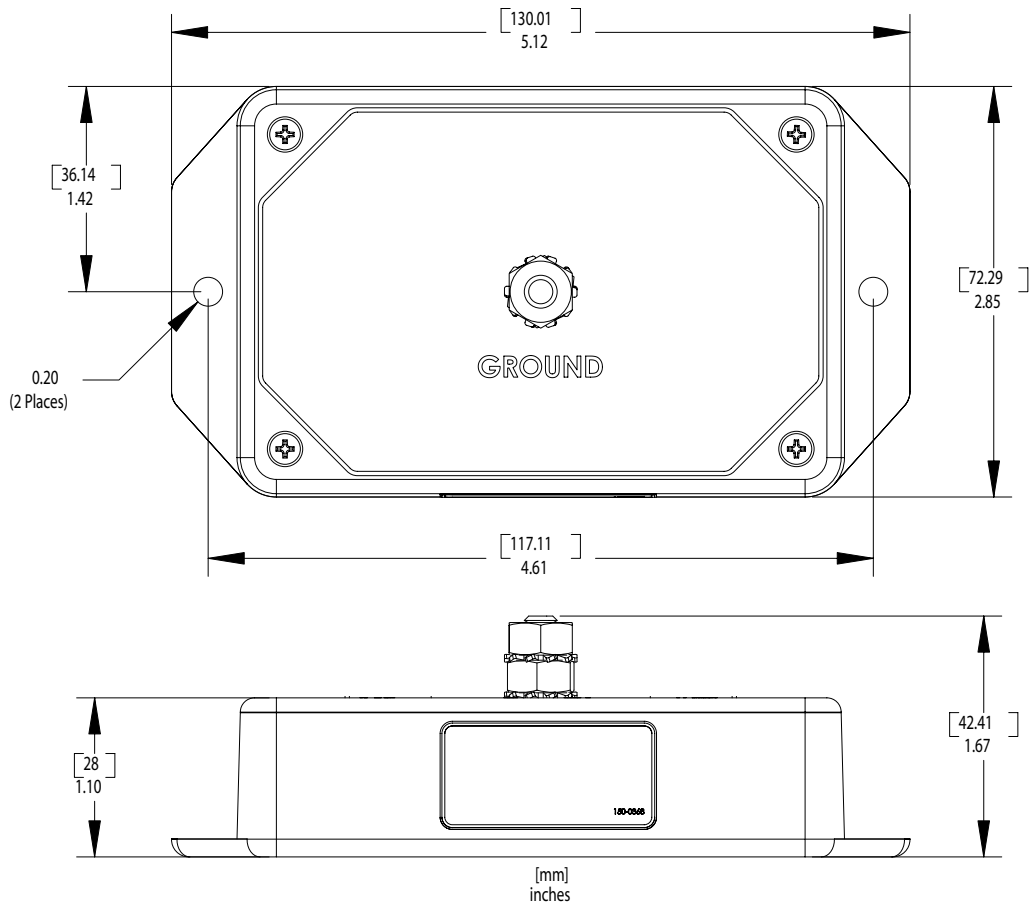
*The EJ2010B is designed for use on both ends of the 10/100 BaseT Ethernet circuit..*



# EJ2010B 10/100 Ethernet Protector

## MODEL EJ2010B

Application	10/100 Ethernet Protector
Connection Means	RJ-45 Jacks
Nominal Circuit	2 Pair 10/100 BaseT Ethernet
Breakdown Voltage	10 V
Maximum Continuous Operating Voltage	6 V
Maximum Continuous Operating Current	500 mA
Surge Capability	10 kA 8/20 $\mu$ s
Temperature Range	-40° C to +80° C



# Raycap

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Quality control tests  
 being performed on  
 ACData suppressors.



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ACData is dedicated to exceeding our customers' expectations by providing quality products, personal service, and responsiveness through communication, responsibility, teamwork and innovation. We are committed to complete customer service through a comprehensive warranty plan, 24 hour customer care, and complete engineering support.