

### **Features**

- High isolation
- Low impulse voltage let-through
- Low impulse current let-through
- RoHS compliant\*

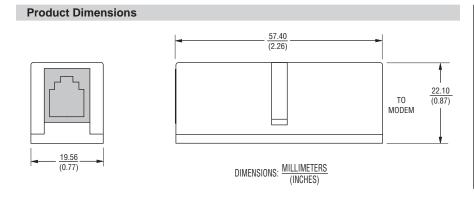
## **Applications**

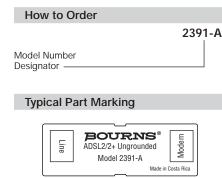
- ADSL/VDSL2 data services
- Customer Premise Equipment
- Areas where a reliable ground connection may not be available

## Model 2391 Isolated Dongle

The Bourns® Model 2391 isolated dongle is designed specifically for installations where grounding systems are not present or where the ground rod is missing due to theft or ineffective due to corrosion. Ungrounded communications circuits at the customer premise can pose a damage risk to equipment due to lightning and other transient events. Standard RJ11 connections are used for the input and output connections.

# CharacteristicsDC Breakdown Differential $350 \text{ V} \pm 20 \text{ %}$ Surge Response Time $< 1 \mu \text{s}$ Surge Limiting Performance (Output)< 60 VLet-Through Voltage< 60 VLet-Through Current< 1 ANominal Surge Life Rating $3 \text{ kV/1.5 kA} - 8/20 \mu \text{s}$ Combo Wave15 operations $1 \text{ kV} - 10/1000 \mu \text{s}$ , 100 A100 operations600 VAC - 1 A, 1 Second60 operations6 kV - 10/700 - 25 Ohms (K.21)10 operationsOperating Temperature0 to +50 °CPort to Port Dielectric (Input to Output)2.5 kVrms for 60 secondsMoisture Sensitivity Level1 ESD Classification (HBM)





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