

SurgeFree™

299-400-53

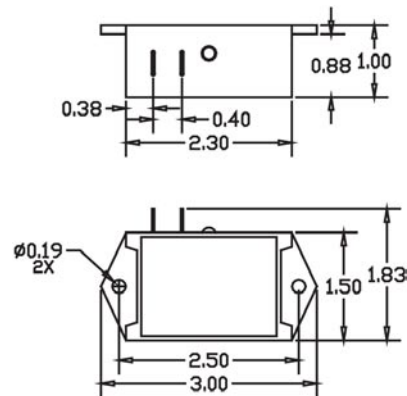
MODEL

The AEP Series

Automotive Electronics Protector

MCG's new Direct Current AEP-12 protects sensitive automotive electronics from damaging transients that occur in a vehicle's electrical system. Designed with high performance and safety standards in mind, the AEP protector will withstand repetitive transients that occur on a daily basis, in addition to the alternator's load dump transient. The unit features both over current and thermal fusing. If there is more than one piece of critical equipment on the same circuit, multiple protectors may be employed where required.

The AEP-12 is easily installed on the DC power bus in front of the electronics to be protected. As a result of its parallel connection, the power path integrity to the load is not affected. The unit can be used in any vehicle where critical and/or costly equipment exists, including OEM applications such as conversion (i.e. limousines), recreational, and municipal vehicles.



Units are expressed in inches.

Specifications

Rated Voltage:	12VDC, maximum: 18VDC
Headroom (based on 14.4V nominal charging V):	25%
Rated System Current:	Shunt connected, unlimited system current
Peak Power Dissipation:	4400 Watts (100 microsecond/150 millisecond waveform) 100,000 Watts (8 microsecond/20 microsecond waveform)
Protection Type:	Unidirectional
Connection:	Positive and negative 12 VDC via two 0.25" quick connects, Male
Wiring:	Use 14AWG minimum wire size to connect protector
Input Fusing:	15A (fused internally)
Local Status Indicator:	Green LED
Dimensions:	2"L x 1.5"W x 1"D
Mounting:	Two mounting holes, 2.5" Centers/Hole Diameter 0.187" for #8 screws
Enclosure:	ABS Plastic, epoxy encapsulated
Warranty:	90 days defective product replacement

