

Cat5/6 Data Line Surge Protector 1000 Mbps

PN: 800-GIGE-APC-HV

This GigE-APC Ethernet Surge Protector-Suppressor-Arrestor is ideal for the NOC because of the small form factor. Both solid state surge components as well as a Gas Discharge Tube allow it to protect CAT5/6 circuits like no other

Proven Circuit

The proven and popular 444SS GDT/Avalanch Diode parallel hybrid design is what puts this circuit ahead of the others. (See ITU-T K.99)

Where a number of GigE devices are colocated becomes an ideal application for this Ethernet Surge Protector as a result of the 1RU size. The HV version supports 802.3af modes A and B. Shielded RJ45 jacks provide grounds and bonding to shielded plugs and shielded cables.

Shielded Connectors

This 1000 Mbps Ethernet Surge Protector-Suppressor-Arrestor is a direct cross for the APC PNET6TR; however, this unit but is much more robust because of the shielded RJ45 jacks for industrial grounding/bonding and less loading for the long GigE circuits and greater protection from surges.

Specifications

Electrical Specifications

Connector Style: RJ-45, Shielded, CAT5/6

Data Rate: 10, 100, 1000 Mbps

Protected Pins: (1,2), (3,5), (4,5), (7,8)

Unprotected Pins: None

Peak Current per Telcordia GR-1089 0.50 kAmps

Attenuation 2dB @ 1000Mhz

NEXT Increase: 0.3dB

Return Loss Decrease: 0.5dB

Clamping Voltage: Data Circuits – 68 volts

Data Line Protection: RJ45 10/100/1000 Base-T Ethernet Protection

Mechanical Specifications

Height:

1.76 inches

Width:

3.2 inches

Net Weight:

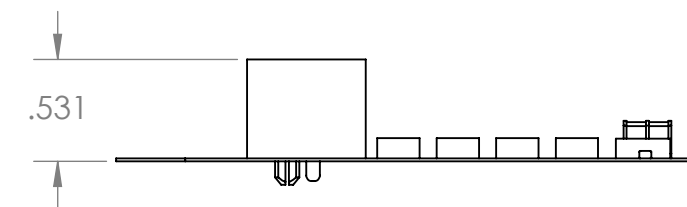
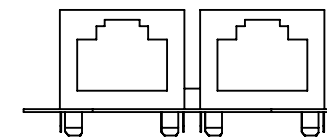
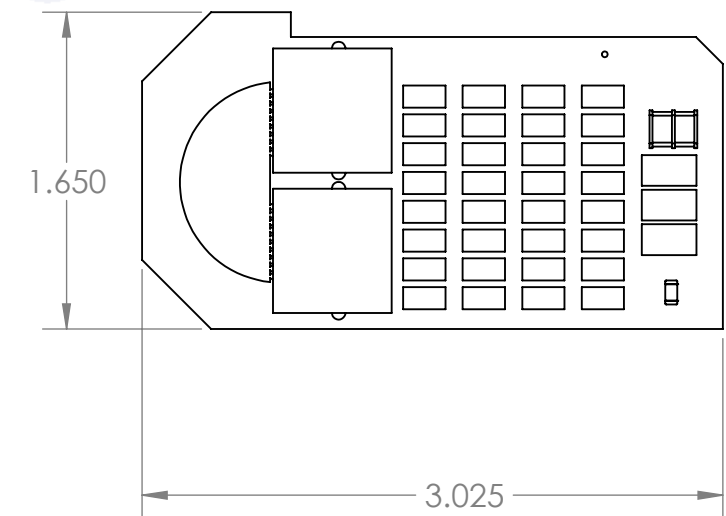
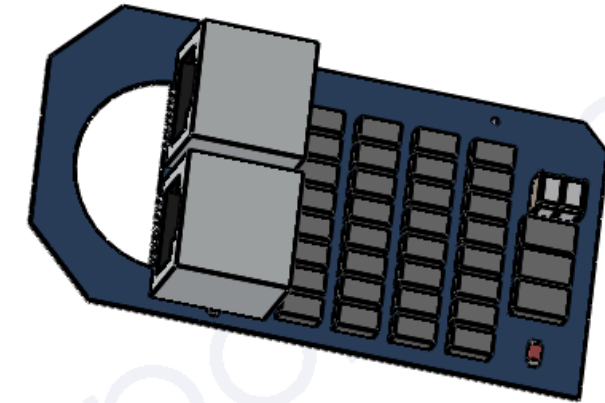
0.039 lbs

UL 497B components used throughout

Environmental Specifications:

Operating/Storage Temperature: -40C to +65C

Relative Humidity: 99% (non condensing)



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		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±		DRAWN			
		INTERPRET GEOMETRIC TOLERANCING PER:		CHECKED			
		MATERIAL		ENG APPR.			
NEXT ASSY	USED ON	FINISH		MFG APPR.		TITLE:	
APPLICATION		DO NOT SCALE DRAWING		Q.A.		SIZE	DWG. NO.
				COMMENTS:		<b>B</b>	GIGE-APC REV G1
						SCALE: 2:1	WEIGHT:
							SHEET 1 OF 1
							REV