

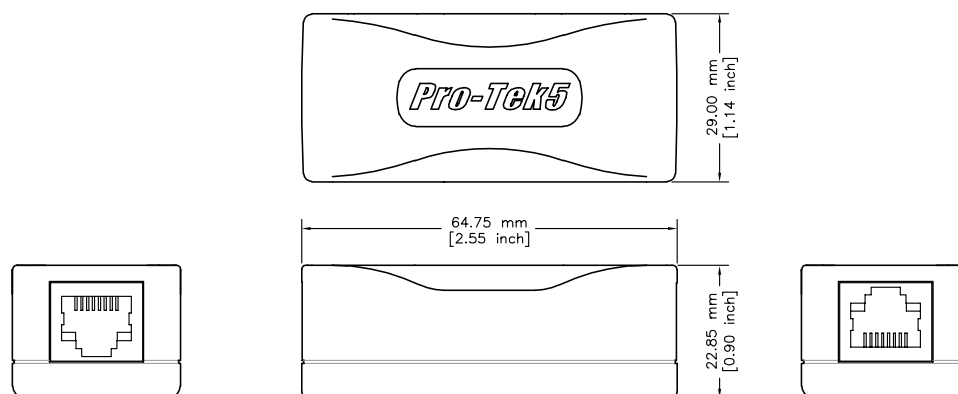
# PRO-TEK5

## Inter-Building Lightning Strike Protector

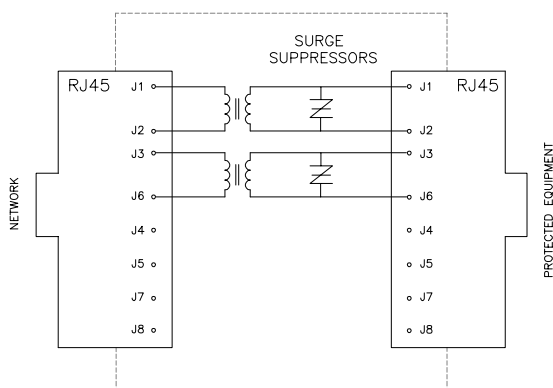
The PTG-5T series is an advanced lightning strike protector providing 5KV isolation as well as common and differential protection to each of the data pairs. This series of protectors meets the surge requirements of GR1089 for Inter-building lightning strike events while providing full IEEE802.3 compliant return loss and insertion loss performance.



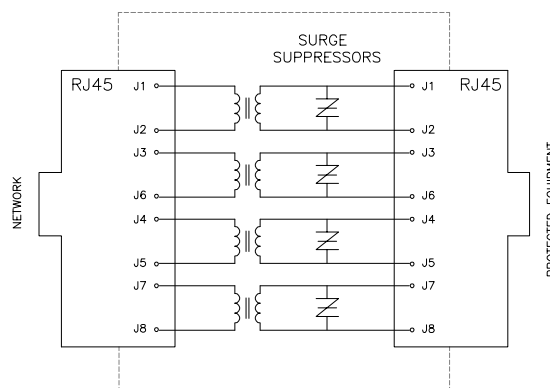
### Mechanical Drawing



### Circuit Drawings



**Circuit A**



**Circuit B**

5KV Isolation  
UL94-V0 materials.

<i>Pro-Tek5 Systems P/N</i>	<i>Application</i>	<i>Operating Temp.</i>	<i>Circuit</i>
PTG-5T101011	10BASE-T, 10/100BASE-TX	-40 / +85C	A
PTG-5T1G0012	Gigabit 1000BASE-T	-40 / +55C	B

Pro-Tek5 Systems, Ltd. products are available exclusively through Halo Electronics, Inc. For more information, please contact Halo Electronics, Inc. at [www.haloelectronics.com](http://www.haloelectronics.com) or contact your local HALO representative or distributor.