

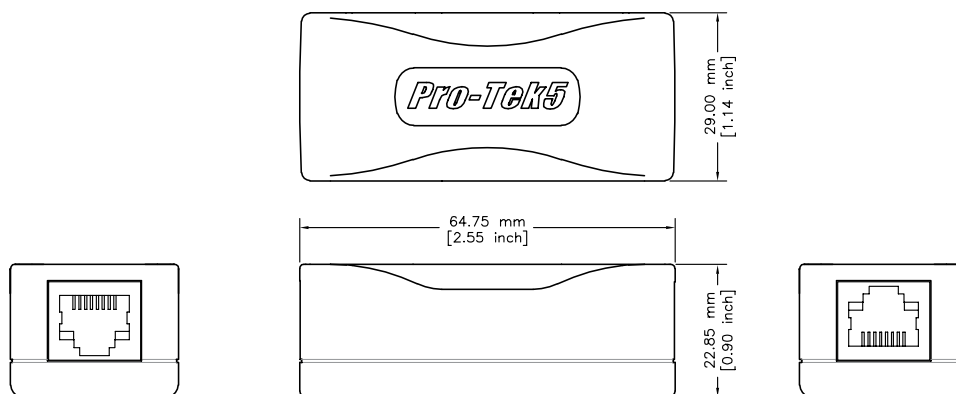
# PRO-TEK5

## Ethernet Isolators with ESD Protection

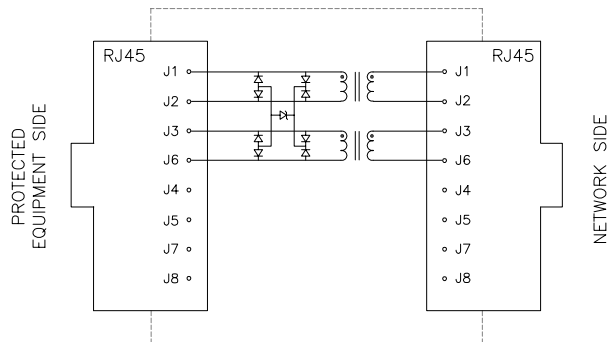
The PTE-5T series is an advanced ESD protector providing 5kV isolation as well as common and differential ESD protection to each of the data pairs. This series of protectors is ideal for critical medical and Industrial Ethernet applications requiring full IEEE802.3 compliant return loss and insertion loss performance.



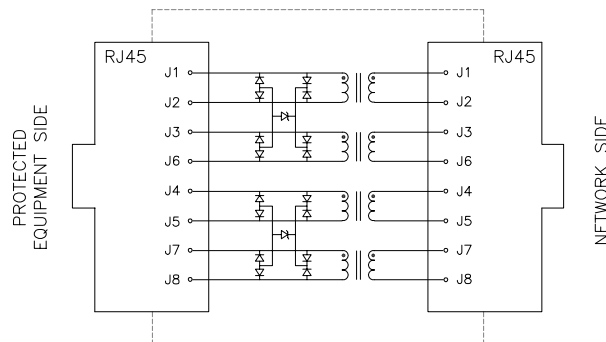
### Mechanical Drawing



### Circuit Drawings



**Circuit A**



**Circuit B**

5kV Isolation  
UL94V-0 materials  
UL/EN60950 and DEMKO Recognized Reinforced Insulation Transformer

IEC61000-4-2  
CONTACT 8kV  
AIR 15kV

<i>Pro-Tek5 Systems P/N</i>	<i>Application</i>	<i>Operating Temp.</i>	<i>Circuit</i>
PTE-5T101009	10BASE-T, 10/100BASE-TX	-40 / +85C	A
PTE-5T1G0010	Gigabit 1000BASE-T	-40 / +85C	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.