

REVISIONS				
REV.	DESCRIPTION	ECN	DATE	APPROVED
A	NEW RELEASE	DD71160	10-4-11	LC

MAXIMUM CHARACTERISTICS

**Application:**  
The TSJ-PoE Series surge suppressors are designed to protect equipment from transient over-voltages on Power over Ethernet applications. The suppression protects the Ethernet circuit by limiting the magnitude of transient over-voltages that are present on each pair relative to each other and relative to ground.

**Electrical Performance:**  
**Connector Style (data):** Shielded RJ45  
**Data Rate:** up to 100Mb/s  
**Protected RJ 45 Pins:** ALL 8  
**Protection Modes:** L-L & L-G  
**Nominal Operating Voltage:** 48Vdc  
**Maximum Continuous Operating Voltage:** 60Vdc  
**Maximum Surge:**  
100A, 10/1000µS (CORE 1089), L-L, L-G  
3kA, 8/20µS (IEC 61000-4-5), L-L, L-G  
**Breakdown Voltage:**  
+68Vdc  
**Series Resistance:**  
0.4 Ohms Typical  
**Maximum Holding Current:**  
750mA @ +20 °C  
1100mA @ -40 °C  
390mA @ +85 °C

**Mechanical:**  
**Enclosure Description:** The suppressor is housed inside a black, non-metallic module rated to UL 94-5V.

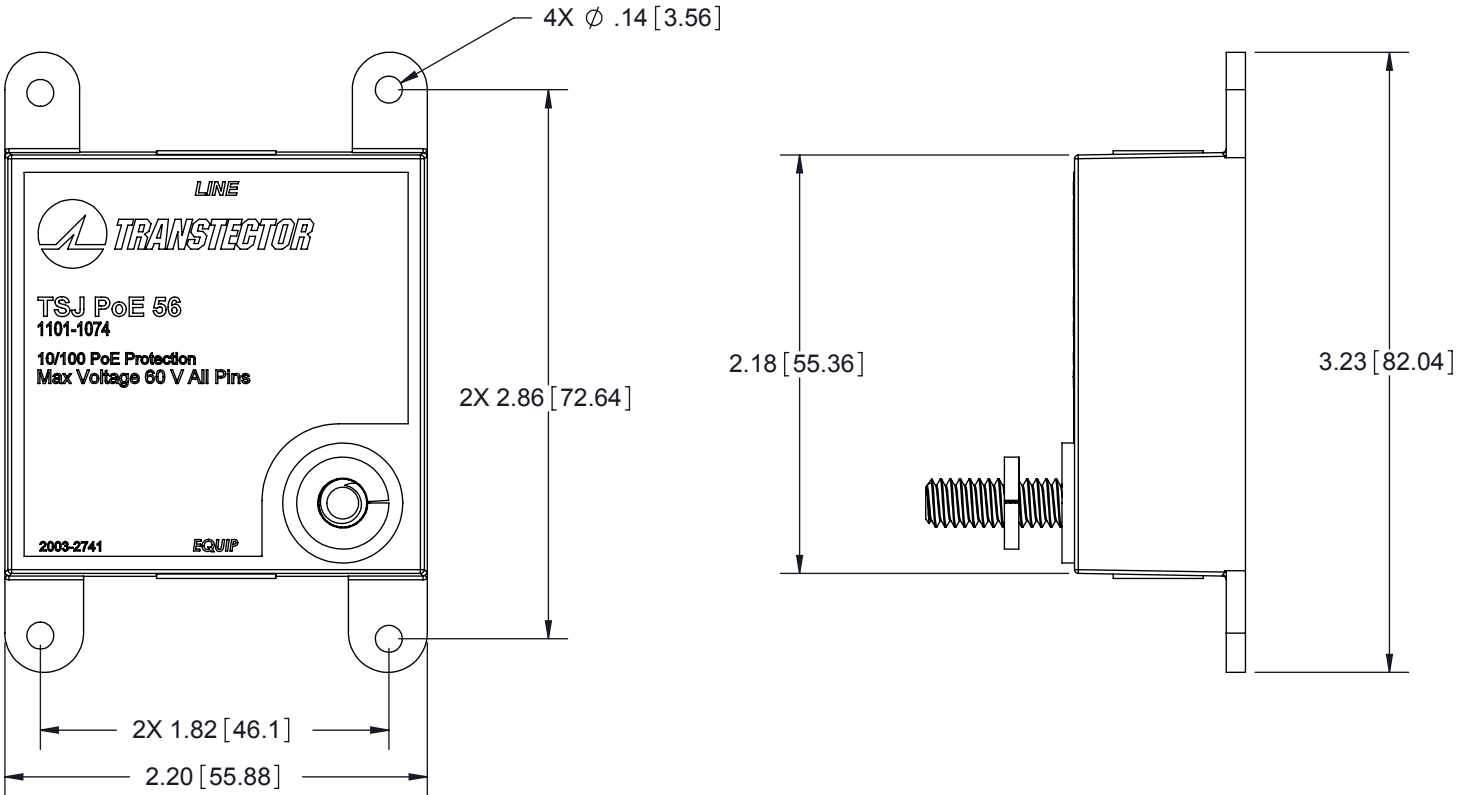
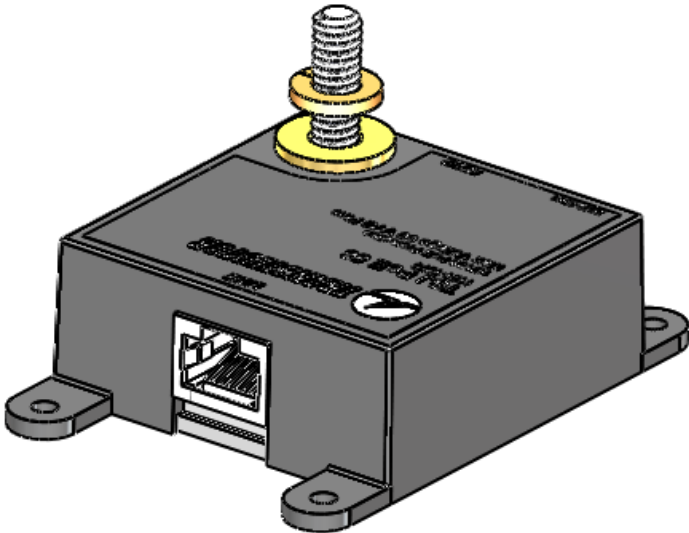
**Max Dimensions:**  
**(H x W x D) in:** 3.2 x 2.2 x 1.7

**Weight:** 0.15lbs

**Installation Requirements:**  
**Connections:** One (1) RJ-45 receptacle (LINE), One (1) RJ-45 receptacle (EQUIP). One (1) ¼-20 ground lug

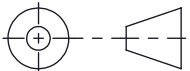

**Environmental:**  
**Operating/Storage temperature:** -40 °C to +85 °C  
**Relative Humidity:** 99% (non-condensing)

**RoHS Compliant.**



CUSTOMER APPROVAL: \_\_\_\_\_ DATE: \_\_\_\_\_

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [ ] ARE MILLIMETERS  TOLERANCES: FRACTIONS=± 1/32 .XX=± .01 ANGLES=± 1 ° .XXX=± .005  MATERIAL . .  THIRD-ANGLE PROJECTION 		DRAWN BGT ENG APPD LC PRODUCT MGR SD MARKETING APPD LJ PROJECT NO. DD71160	DATE 4/15/11 10-4-11 10/10/11 10/10/11	  TITLE TSJ PoE 56			
		CUSTOMER SPECIFICATION					
		SIZE B	CAGE 30992	PART NUMBER 1101-1074		REV A	
		SCALE 1:1	DOCUMENT NAME 1101-1074-C		SHEET 1	OF 1	
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