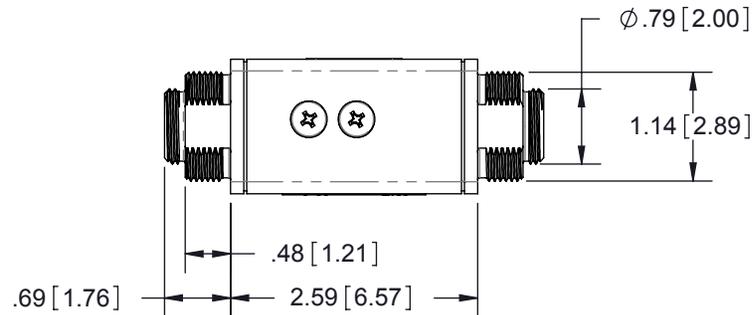
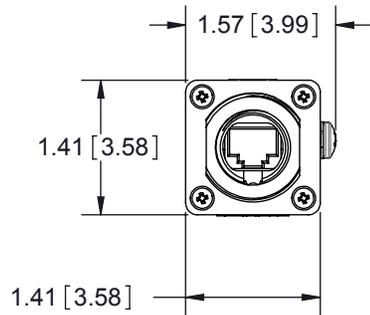


REVISIONS				
REV.	DESCRIPTION	ECN	DATE	APPROVED
B	REFER TO ECN	12518	4/24/2014	GMD



MAXIMUM CHARACTERISTICS

Application:

Thunderbolt (TB Series) offers outdoor data line series protection designed to support Ethernet | Cat5e applications. Incorporates advantages of coordinated high-power gas discharge tube (GDT) and self-gated current transistor protection in a single protector.

Electrical Performance:

Data Rate: 100 Mb/s
Nominal Operating Voltage: 48V_{DC}
Maximum Continuous Operating Voltage: 60V_{DC}
Connector Style: RJ45
Protected Signal Pins: (1,2) & (3,6)
Protected PoE Pins (GDT only): (4,5) & (7,8)
Peak Surge Suppression Level per Pin: 5,000 A 8/20 μs (10 Operations)

Approvals: RoHS

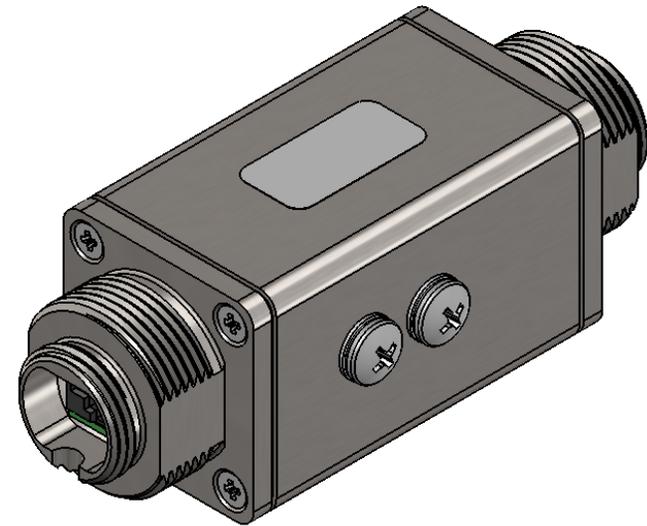
Mechanical:

Dimensions: 1.4"H x 1.4"W x 3.9"D, 3.6cm x 3.6cm x 10.0cm
Weight: 0.15 lbs, 68g

Environmental:

Operating temperature: -40 °C to +75 °C
Relative Humidity: 99% (non-condensing)

Intended for bulkhead mount. An additional connector shroud/strain relief kit (1000-1354) required to achieve IP 67 rating when mounted outdoors. Optional pole mount kit available (9100-0521).



CUSTOMER APPROVAL: _____ DATE: _____

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

<small>UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS</small> <small>TOLERANCES: FRACTIONS=± 1/32 .XX=± .01 ANGLES=± 1° .XXX=± .005</small> <small>NOTICE: THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF TRANSTECTOR SYSTEMS. ALL RIGHTS RESERVED.</small>	DRAWN	DPM	DATE					SHEET	1 OF 1	
	ENG APPD	TOT	1/26/12					SCALE	1:2	
	PRODUCT MGR	SJD	5/15/12	TITLE	TB 10/100/PoE					
	MARKETING APPD	LJ	5/16/12	PROJECT NO.	DD39910					
THIRD-ANGLE PROJECTION		DOCUMENT NAME		SIZE	CAGE	PROD CAT	CUSTOMER SPECIFICATION		PART NUMBER	REV
		1101-1028		A	30992	DST	1101-1028		B	

PATENT PENDING

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