

Data Surge Protector SPD TSP Indoor CATV Repeater/Amplifiers Wired Leads SASD

1101-096
TSP 8601



Features

- 100% SASD Protection
- Low Frequency DC, Communications Pairs
- Wired Lead Connectivity

Applications

- CATV Repeater/Amplifiers Networks
- Telecommunications Base Stations
- WISP/ISP
- IT & Data Centers
- Point-to-Point Links
- Control Lines and Sense Loops
- Oil & Gas

Description

Data surge protector (also known as SPD or lightning protector) 1101-096 from Transtector is an indoor style SPD that utilizes state of the art SASD technology to protect critical equipment in CATV Repeater/Amplifiers protocol data networks while remaining transparent to data throughput. This surge protector provides effective protection against electrical transient surges that are generated both by external lightning events and by internal switching events and supports long-term system reliability by absorbing high amounts of transient energy while maintaining a very low clamping voltage. Transtector Data Signal surge protectors are available in stock with same day shipping.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Connectors		Wired Leads		
Data Protocols		CATV Repeater/Amplifiers		

Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		SASD		
Protected Pins		[1,2], [3,6], [4,5], [7,8]		
Protection Modes		L-L		
10/1000µs Surge Current				
L-L			67	A
V _{pl} 10/1000µs				
L-L			48 @ 67A	V _{pk}

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[Data Surge Protector SPD TSP Indoor CATV Repeater/Amplifiers Wired Leads SASD 1101-096](#)

Data Surge Protector SPD TSP Indoor CATV
 Repeaters/Amplifiers Wired Leads SASD

1101-096
 TSP 8601



Nominal Service Voltage	26	VAC/DC
Response Time	5	ns

Mechanical Specifications

Size

Height	2.2 in	[55.88 mm]
Width	3.16 in	[80.26 mm]
Depth	0.88 in	[22.35 mm]
Weight	0.2 lbs	[90.72 g]

Environmental Specifications

Operating Temperature	-30 to +65 deg C
Storage Temperature	-30 to +65 deg C

Environmental Protection Rating	IP20
Mount Type	Wall
Grounding	Spade connector

Compliance Certifications

UL Compliant	Yes
Certifications	UL 497B

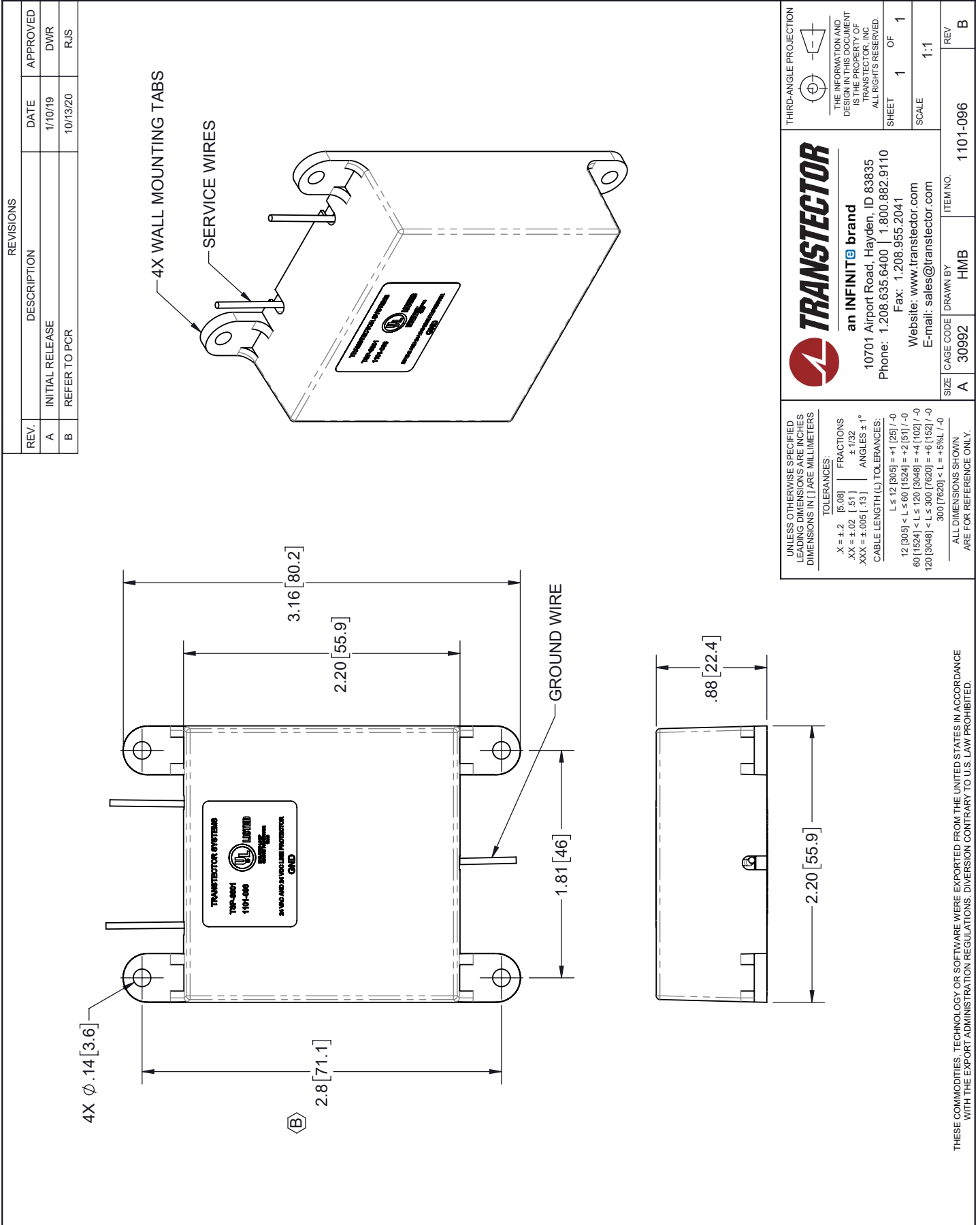
Transtector Systems specializes in protection of highly sensitive, low voltage equipment through its patented, non-degrading silicon diode technology and custom filters. Our power quality expertise translates into a diverse product offering including AC, DC, and signal applications as well as integrated cabinets, power distribution panels and EMP hardened devices.

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: [Data Surge Protector SPD TSP Indoor CATV Repeaters/Amplifiers Wired Leads SASD 1101-096](#)

URL: <https://www.transtector.com/data-surge-protector-spd-tsp-indoor-catv-1101-096-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Transtector reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Transtector does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Transtector does not assume any liability arising out of the use of any part or documentation.

1101-096 CAD Drawing



REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	1/10/19	DWR
B	REFER TO PCR	10/13/20	RJS

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES:

X ± .2 [5.08] | FRACTIONS ± 1/32
 XX ± .02 [51] | ANGLES ± 1°
 XXX ± .005 [13] |

CABLE LENGTH (L) TOLERANCES:
 L ≤ 12 [305] = +1 [25] / -0
 12 [305] < L ≤ 60 [1524] = +2 [51] / -0
 60 [1524] < L ≤ 120 [3048] = +4 [102] / -0
 120 [3048] < L ≤ 300 [7620] = +6 [152] / -0
 300 [7620] < L = +5%L / -0

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

THIRD-ANGLE PROJECTION

THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF TRANSTECTOR, INC. ALL RIGHTS RESERVED.

SHEET 1 OF 1
 SCALE 1:1

TRANSTECTOR
 an INFINIT brand
 10701 Airport Road, Hayden, ID 83835
 Phone: 1.208.635.6400 | 1.800.882.9110
 Fax: 1.208.955.2041
 Website: www.transvector.com
 E-mail: sales@transvector.com

SIZE	CAGE CODE	DRAWN BY	ITEM NO.
A	30992	HMB	1101-096

THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.

T-Rev D