

DC Surge Protector SPD SXRR Indoor AAR Terminal  
 50 Vdc, Single-Mode, 25 kA SASD

## 1101-1105 SXRR 50-DD



### Features

- SASD Surge Protector
- Suppression Status Indicator
- AAR Terminal Mount

### Applications

- Railroad Circuits

### Description

DC surge protector (also known as SPD or lightning protector) 1101-1105 from Transtector is an AAR terminal style SPD that utilizes state of the art SASD technology to protect critical equipment that operates on a 50 Vdc electrical service. 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 safely shunting high amounts of transient energy while maintaining a very low clamping voltage. Transtector DC surge protectors are available in stock with same day shipping.

### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Service Voltages		50		Vdc
Maximum Continuous Operating Voltage (MCOV)				
MCOV DC			55	Vdc

### Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		SASD		
Surge Protection Modes		Signal to GND		
Response Time			5	ns
8/20 $\mu$ s Surge Current			25	kA
VPL 8/20 $\mu$ s L-G			180 @ 20kA	Vpk
Nominal Discharge Surge Current (In)		20		kA

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:  
[DC Surge Protector SPD SXRR Indoor AAR Terminal 50 Vdc, Single-Mode, 25 kA SASD 1101-1105](#)

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**1101-1105**  
**SXRR 50-DD**



### Mechanical Specifications

#### Size

Height	2.83 in	[71.88 mm]
Width	1 in	[25.4 mm]
Depth	2.5 in	[63.5 mm]
Weight	1 lbs	[453.59 g]
Housing Material and Plating	Polycarbonate	

### Environmental Specifications

#### Temperature

Operating Range	-40 to +85 deg C
Storage Range	-40 to +85 deg C

### Installation

Mount Type	AAR Terminal Block
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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.

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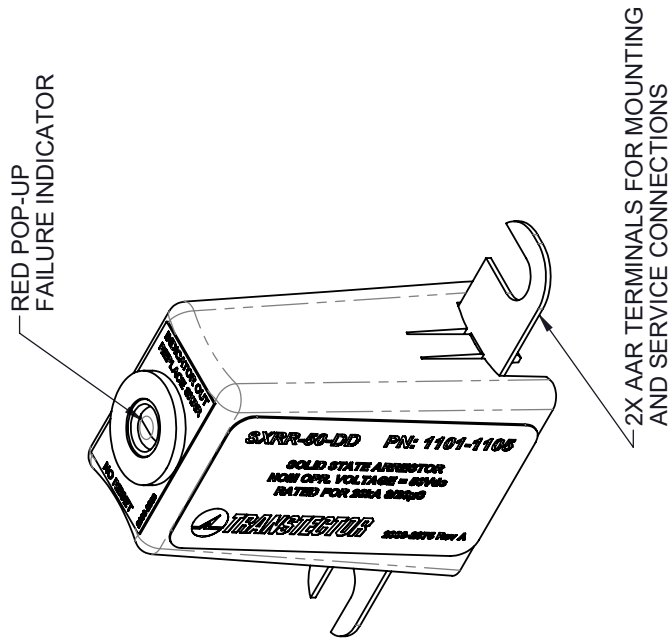
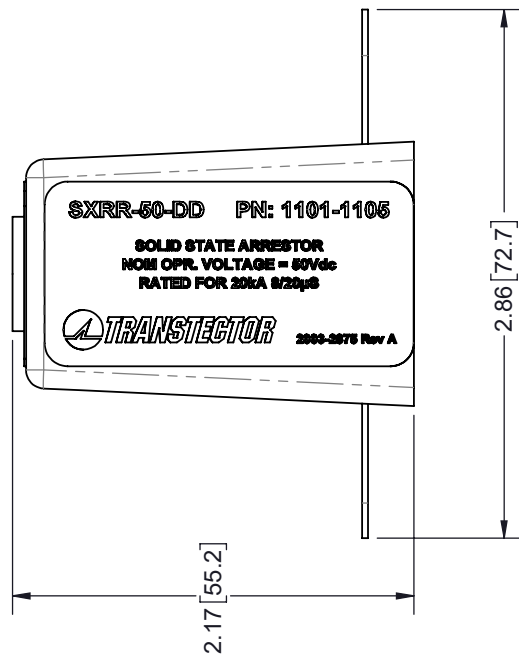
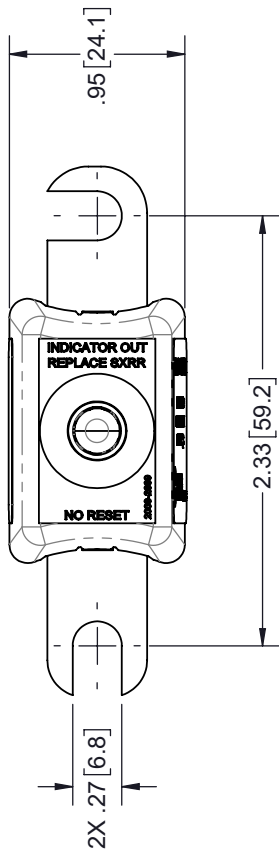
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DC Surge Protector SPD SXRR Indoor AAR Terminal 50 Vdc, Single-Mode, 25 kA SASD

1101-1105 CAD Drawing

REVISIONS		
REV.	DESCRIPTION	DATE
A	INITIAL RELEASE	1/17/19
		APPROVED
		DWR



UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [ ] ARE MILLIMETERS	
TOLERANCES:	
.X±.2 [5.08]	FRACTIONS ±.1/32
XX±.01 [.25]	ANGLES ±1°
XXX±.005 [.13]	
ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.	
THIRD-ANGLE PROJECTION	

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10701 AIRPORT ROAD, HAYDEN, ID, 83835 PHONE: 1.208.635.6400   1.800.882.9110 FAX: 1.208.955.2041 www.transtector.com   e-mail: sales@transtector.com		SHEET 1 OF 1 SCALE 1:1
SIZE CAGE A 30992	DRAWN BY HMB	PART NUMBER 1101-1105
		REV A

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