



RF Surge Protector, Reverse Polarity TNC
F/M, DC - 6GHz, DC Pass 60Vdc

RF Surge Protectors Technical Data Sheet

PE73SP1072

Features

- Broadband Performance from DC to 6 GHz
- Repetitive Lightning Strike Capability
- Bi-directional Protection
- Replaceable Gas Tube for Installation Longevity
- Robust Brass Construction

Applications

- WiFi
- Wireless Base Stations
- Automotive
- Avionics
- Military Communications

Description

RF surge protector (also known as lightning arrestor) PE73SP1072 from Pasternack Enterprise utilizing a gas discharge tube design to protect critical hardware while maintaining the RF performance. This RF surge protector component is manufactured in a coaxial in-line design with wide operating frequency range. Pasternack Enterprise RF surge protector products are available in stock with same day shipping.

Electrical Specifications

Surge Protector Type		Gas Discharge Tube		
Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		6	GHz
Impedance		50		Ohms
VSWR			1.2:1	
Insertion Loss			0.6	dB
Operating Voltage (DC)			60	Volts
Input Power, CW			200	Watts
Surge Current IEC 61000-4-5 8/20μs		5		kA
Turn On Voltage		90		Volts

Mechanical Specifications

Size	
Length	2.3 in [58.42 mm]
Width/Diameter	0.906 in [23.01 mm]
Height	1.206 in [30.63 mm]
Weight	0.5 lbs [226.8 g]
Housing Material and Plating	Brass, Nickel

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [RF Surge Protector, Reverse Polarity TNC F/M, DC - 6GHz, DC Pass 60Vdc PE73SP1072](#)



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Configuration

Input Connector
Output Connector

TNC Female Reverse Polarity
TNC Male Reverse Polarity

Environmental Specifications

Temperature

Operating Range

-40 to +85 deg C

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

RF Surge Protector, Reverse Polarity TNC F/M, DC - 6GHz, DC Pass 60Vdc from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

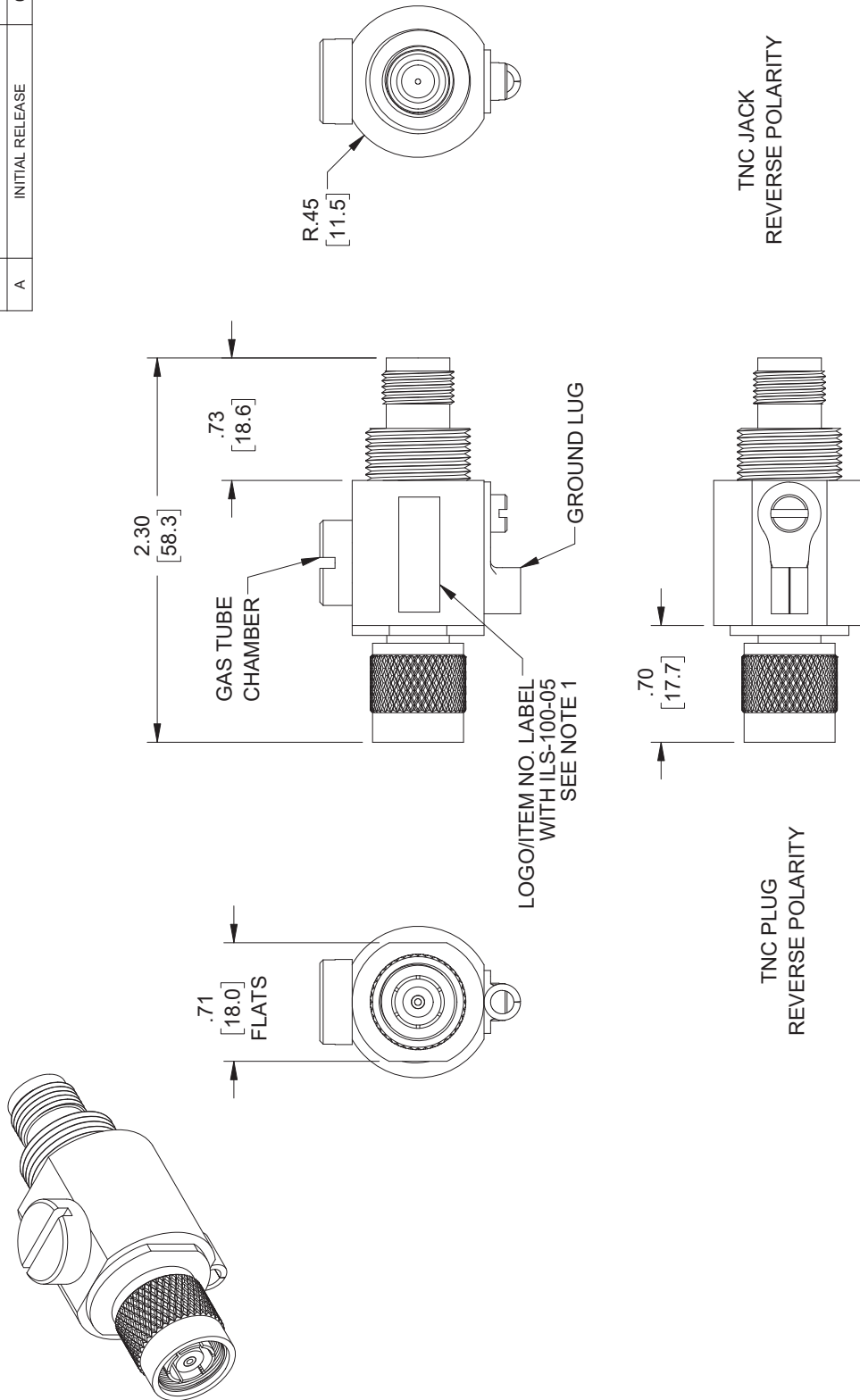
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [RF Surge Protector, Reverse Polarity TNC F/M, DC - 6GHz, DC Pass 60Vdc PE73SP1072](#)

URL: <https://www.pasternack.com/tnc-invalid-alias-lookup-for-surge-protector-6ghz-gas-discharge-tube-pe73sp1072-p.aspx>

PE73SP1072 CAD Drawing

RF Surge Protector, Reverse Polarity TNC F/M, DC - 6GHz, DC Pass 60Vdc

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	04/08/22	DREBECK



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L ≤ 12 [305] = +1 [25] / -0		SCALE N/A	
12 [305] < L ≤ 60 [1524] = +2 [51] / -0			
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120 [3048] < L ≤ 300 [7620] = +6 [152] / -0			
300 [7620] < L = +5% / -0			
ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.		ITEM NO	PE73SP1072
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- NOTES:
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