



Type N F/F In/Out Bulkhead Coax RF Surge Protector,
DC - 3GHz and 1GHz - 2GHz, DC Pass, 200W,
None, 30 V Max., 5kA, Gas Discharge Tube

RF Surge Protectors Technical Data Sheet

PE7301-3

Electrical Specifications

Surge Protector Type Gas Discharge Tube
DC Handling DC Pass

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		3	GHz
Impedance		50		Ohms
VSWR			1.3:1	
Insertion Loss			0.5	dB
Operating Voltage (DC)	20		30	Volts
Input Power, CW			200	Watts
Surge Current			5	kA
Breakdown Voltage			150	Vdc

350V ±15% @<100V/S>1000@5kv/µsRise

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 1	1 to 2	2 to 3			GHz
VSWR, Typ	1.1:1	1.3:1				
Insertion Loss, Typ	0.1	0.2	0.5			

Mechanical Specifications

Size

Length 2.686 in [68.22 mm]
Width/Diameter 1 in [25.4 mm]
Height 2.495 in [63.37 mm]
Weight 0.341 lbs [154.67 g]

Configuration

Input Connector N Female
Output Connector N Female

Environmental Specifications

Ingress Protection (IP) Rating None

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Type N F/F In/Out Bulkhead Coax RF Surge Protector, DC - 3GHz and 1GHz - 2GHz, DC Pass, 200W, None, 30 V Max., 5kA, Gas Discharge Tube PE7301-3](#)



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

Plotted and Other Data

Notes:

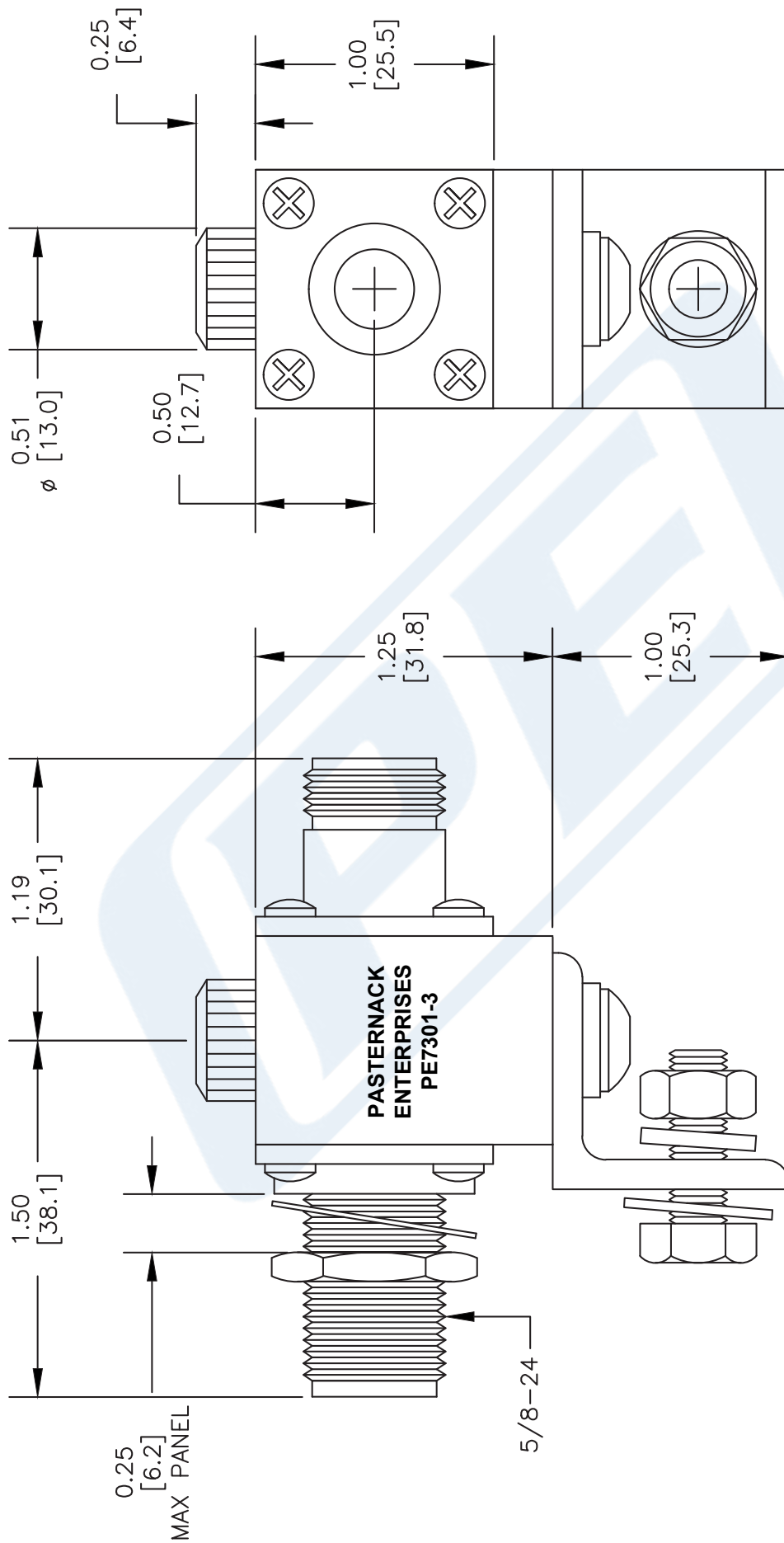
Type N F/F In/Out Bulkhead Coax RF Surge Protector, DC - 3GHz and 1GHz - 2GHz, DC Pass, 200W, None, 30 V Max., 5kA, Gas Discharge Tube from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

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URL: <https://www.pasternack.com/n-female-bulkhead-coax-surge-protector-pe7301-3-p.aspx>

PE7301-3 CAD Drawing

Type N F/F In/Out Bulkhead Coax RF Surge Protector, DC - 3GHz and 1GHz
 - 2GHz, DC Pass, 200W, None, 30 V Max., 5kA, Gas Discharge Tube



NOTES:
 1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
 3. DIMENSIONS ARE IN INCHES [mm].

DWG TITLE
PE7301-3

REV. A FSCM NO. 53919

CAD FILE 051109 SCALE N/A SIZE A 127

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