

Type N F/F Bulkhead Coaxial RF Surge Protector, 10MHz - 1GHz,
DC Block, 1.5kW, 120uJ, 20kA, Blocking Cap, Hole Mount



098-1013G-B

Features

- Surge Current of 20kA
- Max Power 100W
- Frequency Range from 30kHz to 1.2GHz
- N Female to N Female connectors
- VSWR 1.1:1
- Multi-strike capability
- RoHS compliant

Applications

- HF, UHF and VHF radios
- Ham radios
- Remote industrial monitoring

Description

RF surge protector (also known as lightning arrester or surge arrester) 098-1013G-B from PolyPhaser, integrating a RF blocking capacitor with a gas tube (GT or GDT). This RF surge protector component is manufactured in a coaxial in-line design with wide operating frequency range. All PolyPhaser RF surge protector products are available in stock with same day shipping.

Electrical Specifications

Surge Protector Type	Gas Discharge Tube			
DC Handling	DC Pass			
Description	Minimum	Typical	Maximum	Units
Frequency Range	0		1.2	GHz
Impedance		50		Ohms
VSWR			1.1:1	
Insertion Loss			0.1	dB
Operating Voltage (DC)			48	Volts
Operating Current (DC)			2	A
Input Power, CW			100	Watts
Surge Current			20	kA
Turn On Voltage		300		Volts
Throughput Energy			120	uJ

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 Bulkhead Coaxial RF Surge Protector, 10MHz - 1GHz, DC Block, 1.5kW, 120uJ, 20kA, Blocking Cap, Hole Mount 098-1013G-B](#)

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Mechanical Specifications

Size

Length	2.76 in [70.1 mm]
Width/Diameter	1 in [25.4 mm]
Height	1.5 in [38.1 mm]
Weight	1 lbs [453.59 g]
Housing Material and Plating	Aluminum

Configuration

Input Connector	N Female
Output Connector	N Female

Environmental Specifications

Temperature

Operating Range	-40 to +85 deg C
Ingress Protection (IP) Rating	IP67

Humidity

90%

Compliance Certifications

RoHS Compliant	Yes
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Plotted and Other Data

Notes:

PolyPhaser protects and increases the reliability of global RF communications networks, including transportation, telecommunications, defense, security and industrial applications, with superior RF surge protection technologies including DC Block, DC Pass and Ultra Low PIM. Backed by responsive service and expert technical support PolyPhaser continually expands its product offering and services to serve engineers' urgent needs for RF components in mission critical communication networks.

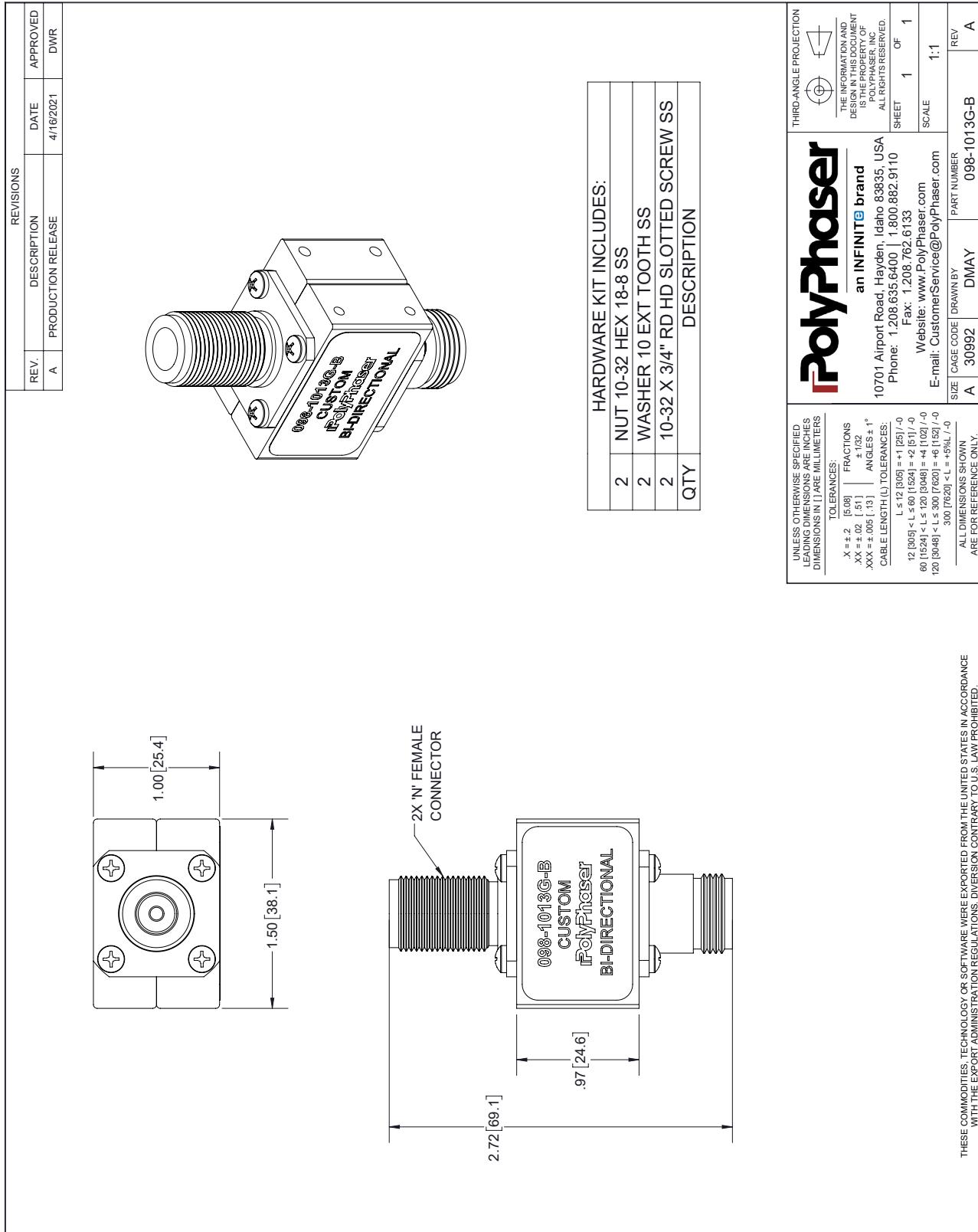
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URL:

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098-1013G-B CAD Drawing



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