



75 Ohm Diplexer F Female with 5 MHz to 390 MHz
Low Pass and 650 MHz to 1,000 MHz High Pass

RF Diplexers - PE8DP1001

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Impedance		75		Ohms
Common Port				
Frequency	5		1000	MHz
Return Loss	14	18		dB
Low Pass Port				
Passband Frequency	5		390	MHz
Return Loss	14	18		dB
Insertion Loss		1	2	dB
Rejection Frequency	650		1000	MHz
Rejection	50	55		dB
High Pass Port				
Passband Frequency	650		1000	MHz
Return Loss	14	18		dB
Insertion Loss		1	2	dB
Rejection Frequency	5		390	MHz
Rejection	50	55		dB

Electrical Specification Notes:
Values at 25°C, sea level.

Mechanical Specifications

Size	
Length	2.933 in [74.5 mm]
Width	1.311 in [33.3 mm]
Height	0.704 in [17.88 mm]
Weight	0.13227 lbs [60 g]
Body Material and Plating	Zinc
Finish	Polished

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm Diplexer F Female with 5 MHz to 390 MHz Low Pass and 650 MHz to 1,000 MHz High Pass PE8DP1001](#)



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Configuration

Design	Bidirectional
Number of Sections	
Package Style	Connectorized
Connector 1	F Female
Connector 2	F Female
Connector 3	F Female

Mechanical Specification Notes:
EN 50083-2 Class A Standard

Environmental Specifications

Compliance Certifications (visit www.Pasternack.com for current document)
RoHS Compliant

Plotted and Other Data

Notes:

- Values at 25°C, sea level.

75 Ohm Diplexer F Female with 5 MHz to 390 MHz Low Pass and 650 MHz to 1,000 MHz High Pass from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

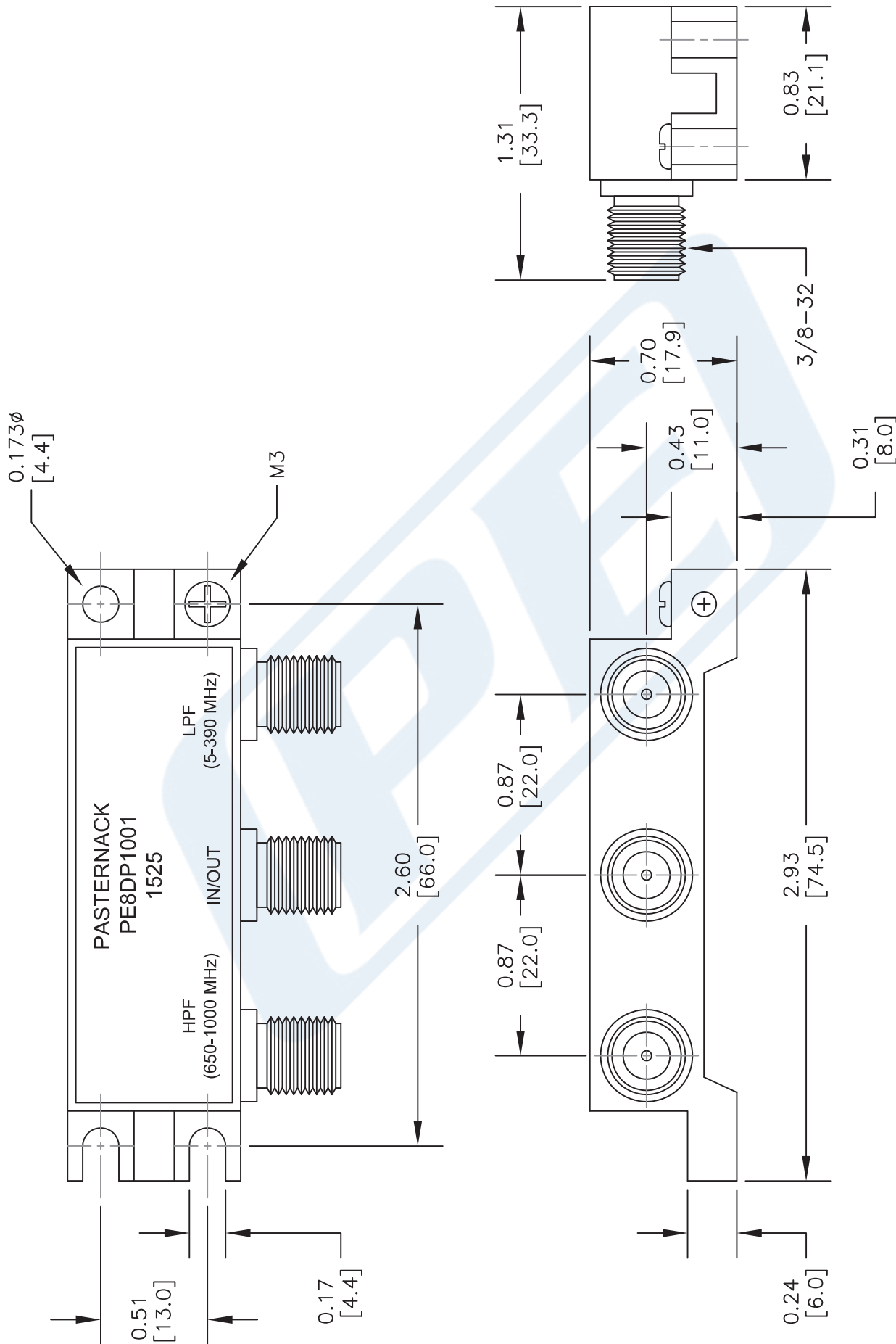
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm Diplexer F Female with 5 MHz to 390 MHz Low Pass and 650 MHz to 1,000 MHz High Pass PE8DP1001](http://www.pasternack.com/75-ohm-diplexer-f-female-5-390-mhz-650-1000-mhz-pe8dp1001-p.aspx)

URL: <http://www.pasternack.com/75-ohm-diplexer-f-female-5-390-mhz-650-1000-mhz-pe8dp1001-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. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

PE8DP1001 CAD Drawing

75 Ohm Diplexer F Female with 5 MHz to 390 MHz Low
Pass and 650 MHz to 1,000 MHz High Pass



DWG TITLE

PE8DP1001

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].

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FSCM NO. 53919

CAD FILE 071315

SCALE N/A

SIZE A

2233