

High Pass Filter Coaxial

ZX75HP-EDU2571+

Important Note

This model has been designed, built and tested in our engineering department. Performance data represents model capability. At present it is a non-catalog model. On request, we can supply a final specification sheet, part number and price/delivery information.



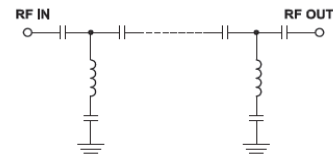
Please click "Back", and then click "Contact Us" for Applications support.

CASE STYLE : HY1239

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C

Parameter	Min.	Typ.	Max.	Units
Passband (Loss < 1.5 dB)	1200	-	6000	MHz
Insertion loss 3 dB	-	1124	-	MHz
Stopband (Loss > 30 dB)	1	-	1000	MHz
Passband VSWR	-	1.92	-	(:1)
Stopband VSWR	-	20	-	(:1)

Functional Schematic



MAXIMUM RATINGS

Operating Temperature	-40°C to 85°C
Storage Temperature	-55°C to 100°C
RF Power Input	1W

PIN CONNECTIONS

Input	SMA FEMALE
Output	SMA FEMALE

+RoHS Compliant

The +Suffix identifies RoHS Compliance. See our web site for RoHS Compliance methodologies and qualifications

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Typical Performance Data

Connected

FREQUENCY (MHz)	INSERTION LOSS (dB)	RETURN LOSS (dB)	FREQUENCY (MHz)	GROUP DELAY (nsec)
0.30	97.14	0.04	1200	2.49
1.00	91.27	0.03	1220	2.10
20.00	62.68	0.00	1500	0.82
50.00	54.77	0.00	1760	0.57
100.00	48.97	0.01	2000	0.48
500.00	43.53	0.09	2260	0.42
1000.00	60.25	0.50	2500	0.38
1020.00	42.00	0.55	2600	0.36
1044.00	29.64	0.65	3000	0.35
1050.00	27.09	0.68	3200	0.35
1070.00	19.30	0.87	3500	0.30
1100.00	9.12	1.90	3750	0.33
1124.00	3.40	5.55	4000	0.32
1200.00	0.65	24.27	4250	0.29
1500.00	0.49	14.35	4500	0.30
2000.00	0.37	16.47	4750	0.31
2500.00	0.38	17.12	5000	0.30
3000.00	0.38	16.50	5250	0.30
4000.00	0.38	19.76	5500	0.28
5000.00	0.39	21.88	5750	0.32
6000.00	0.44	22.30	5950	0.28
6500.00	0.48	28.70	6000	0.31



P.O. Box 350166, Brooklyn, New York 11235-0003 • Fax (718) 934-4500 • Fax (718) 332-4661 For detailed performance specs & shopping online see Mini-Circuits web site
The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINI-CIRCUITS At: www.minicircuits.com

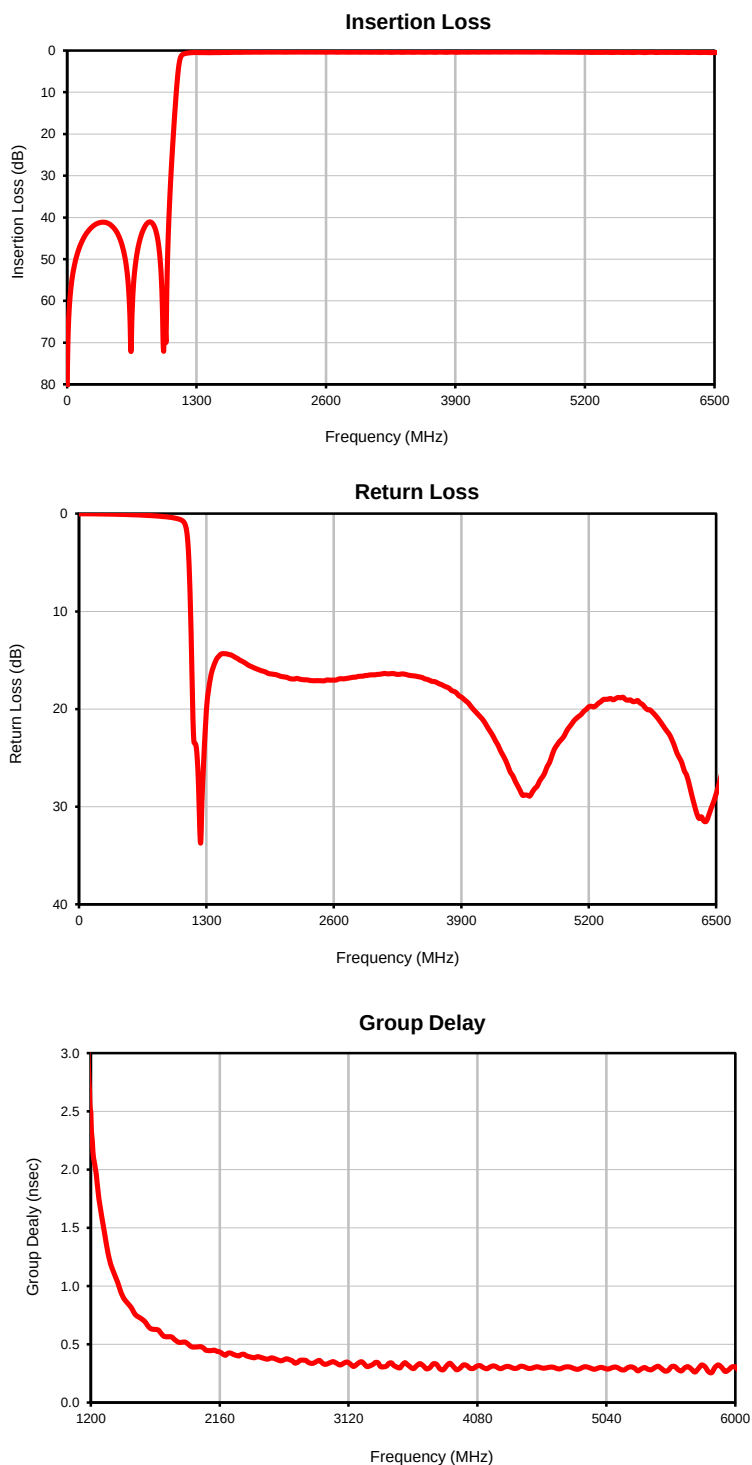
IF/RF MICROWAVE COMPONENTS

REV. OR
ZX75HP-EDU2571+
URJ
170619
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High Pass Filter

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Typical Performance Curves

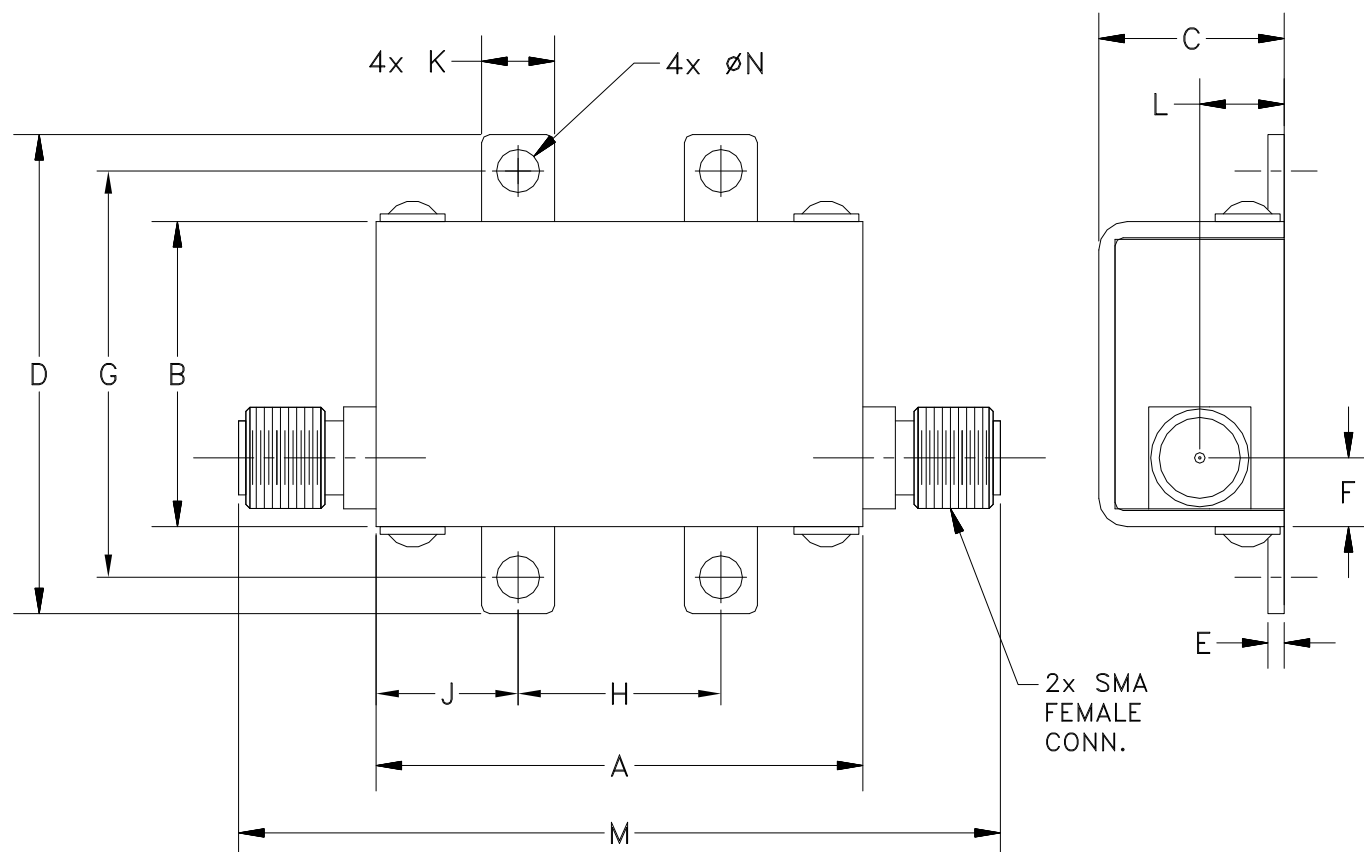


Case Style

HY

Outline Dimensions

HY1239



CASE #.	A	B	C	D	E	F	G	H	J	K	L	M	N	WT GRAMS
HY1239	1.20 (30.48)	.75 (19.05)	.46 (11.68)	1.18 (29.97)	.04 (1.02)	.17 (4.32)	1.00 (25.40)	.50 (12.70)	.35 (8.89)	.18 (4.57)	.21 (5.28)	1.88 (47.75)	.106 (2.69)	35.0

Dimensions are in inches (mm). Tolerances: 2Pl. $\pm .03$; 3Pl. $\pm .015$
Tolerance on hole size and interaxes dimensions to be $\pm .005$.

Note:

1. Case material: Brass
2. Case finish: Nickel plate



INTERNET <http://www.minicircuits.com>

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