

High Pass Filter Coaxial

ZX75HP-EDU2566+

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.

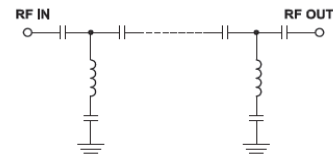
CASE STYLE : HY1239

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C

Parameter	Min.	Typ.	Max.	Units
Passband (Loss < 2 dB)	90	-	2300	MHz
Insertion loss 3 dB	-	83	-	MHz
Stopband (Loss > 30 dB)	1	-	75	MHz
Passband VSWR	-	1.32	-	(: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

High Pass Filter

ZX75HP-EDU2566+

Typical Performance Data

Connected

FREQUENCY (MHz)	INSERTION LOSS (dB)	RETURN LOSS (dB)	FREQUENCY (MHz)	GROUP DELAY (nsec)
0.30	74.93	0.03	90.0	22.06
0.50	70.64	0.03	105.0	75.00
1.00	64.19	0.03	120.0	5.66
10.00	44.75	0.00	200.0	1.54
30.00	41.71	0.02	250.0	1.03
45.00	52.62	0.04	500.0	0.45
75.00	42.89	0.62	750.0	0.36
76.00	33.17	0.73	900.0	0.33
78.00	20.45	1.12	1000.0	0.32
80.00	11.42	2.21	1110.0	0.31
83.00	3.27	9.43	1250.0	0.30
90.00	0.98	23.37	1350.0	0.30
250.00	0.32	18.41	1450.0	0.30
750.00	0.33	24.44	1550.0	0.30
1000.00	0.38	24.79	1650.0	0.29
1500.00	0.51	21.37	1750.0	0.29
2000.00	0.70	17.60	1850.0	0.29
2500.00	1.05	15.54	1950.0	0.29
3000.00	1.17	14.49	2050.0	0.29
3500.00	1.68	17.12	2150.0	0.28
4000.00	2.99	22.82	2250.0	0.29
5000.00	3.13	16.02	2300.0	0.28



P.O. Box 350166, Brooklyn, New York 11235-0003 • (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

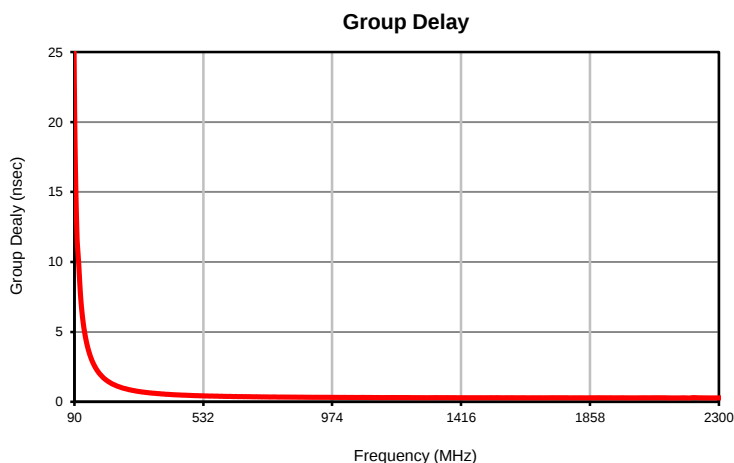
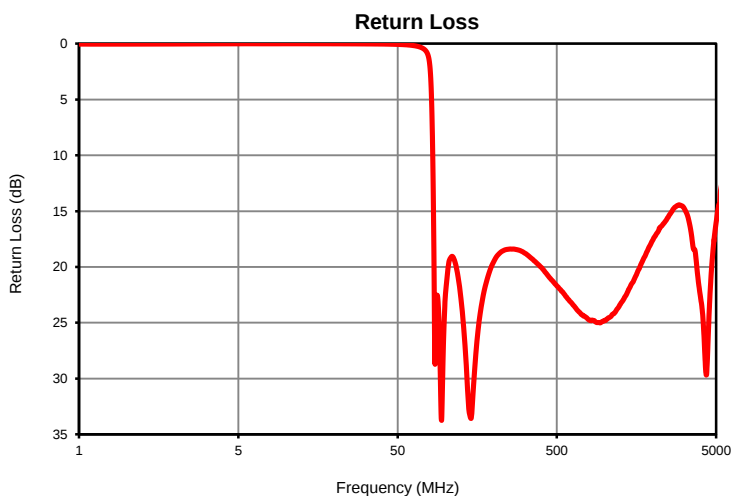
IF/RF MICROWAVE COMPONENTS

REV. OR
ZX75HP-EDU2566+
URJ
170619
Page 1 of 1

High Pass Filter

ZX75HP-EDU2566+

Typical Performance Curves

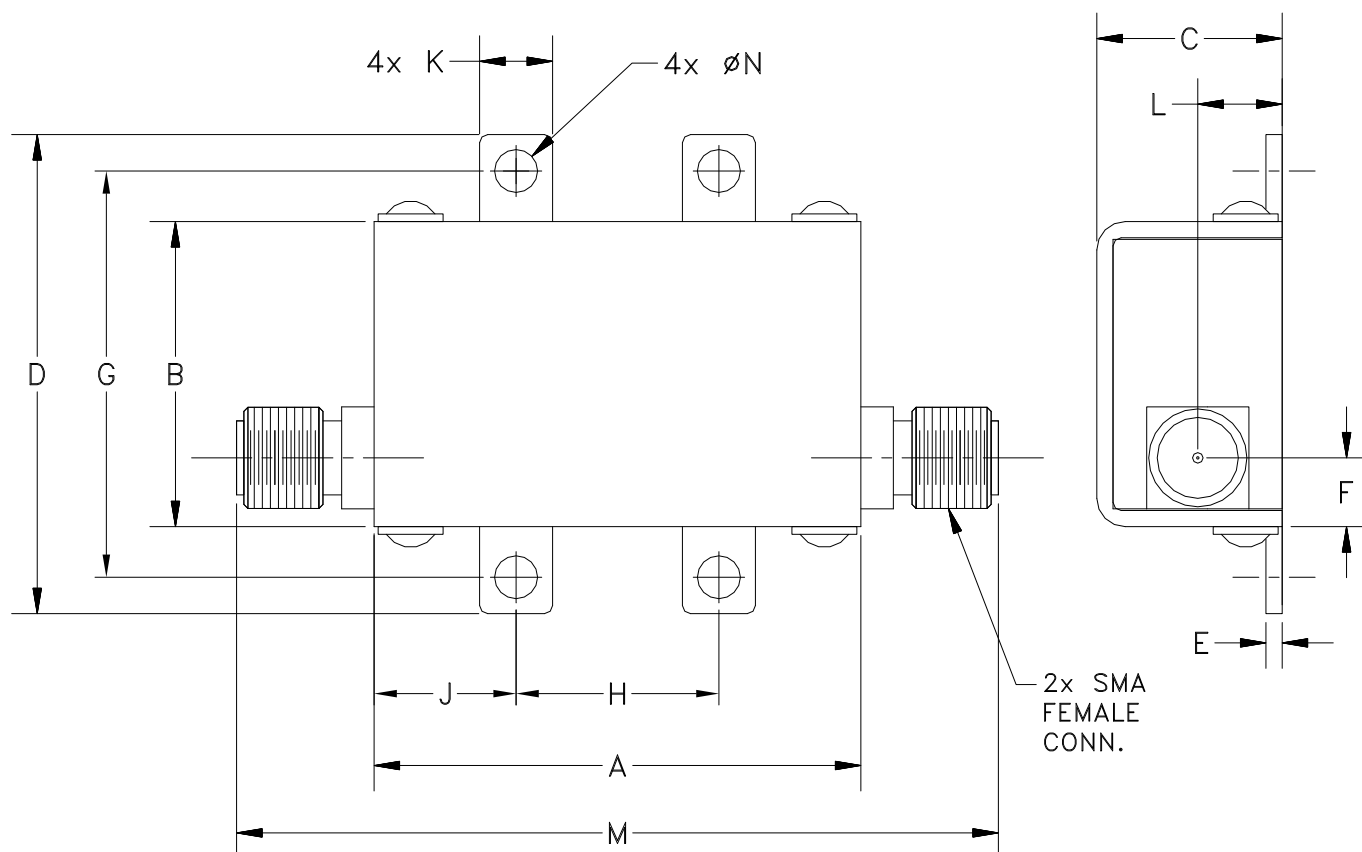


Case Style

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>

P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661

Distribution Centers NORTH AMERICA 800-654-7949 • 417-335-5935 • Fax 417-335-5945 • EUROPE 44-1252-832600 • Fax 44-1252-837010

Mini-Circuits ISO 9001 & ISO 14001 Certified