

Engineering Development Model

High Pass Filter Coaxial

ZX75HP-EDU2567+

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.

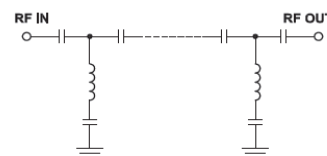
CASE STYLE : HY1239

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C

Parameter	Min.	Typ.	Max.	Units
Passband (Loss < 1.5 dB)	150	-	1800	MHz
Insertion loss 3 dB	-	138	-	MHz
Stopband (Loss > 30 dB)	1	-	125	MHz
Passband VSWR	-	1.43	-	(: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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IF/RF MICROWAVE COMPONENTS



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Typical Performance Data

Connected

FREQUENCY (MHz)	INSERTION LOSS (dB)	RETURN LOSS (dB)	FREQUENCY (MHz)	(nsec)
0.30	74.24	0.04	150.0	12.45
1.00	64.23	0.03	180.0	4.63
9.00	45.32	0.00	190.0	3.74
29.00	36.75	0.01	205.0	2.91
59.00	38.99	0.04	350.0	0.89
75.00	61.92	0.07	370.0	0.82
101.00	36.73	0.21	450.0	0.62
121.00	35.97	0.57	490.0	0.56
125.00	39.57	0.79	550.0	0.49
126.00	39.23	0.87	700.0	0.41
128.00	28.85	1.09	850.0	0.36
130.00	20.47	1.47	890.0	0.35
136.00	4.79	7.67	920.0	0.35
138.00	2.76	15.15	950.0	0.34
150.00	0.84	20.62	970.0	0.33
500.00	0.16	28.79	995.0	0.34
850.00	0.18	30.23	1000.0	0.33
1000.00	0.19	29.51	1080.0	0.33
1800.00	0.30	19.49	1140.0	0.32
2250.00	0.39	16.22	1190.0	0.32
2750.00	0.47	14.83	1220.0	0.32
2950.00	0.50	14.77	1800.0	0.29



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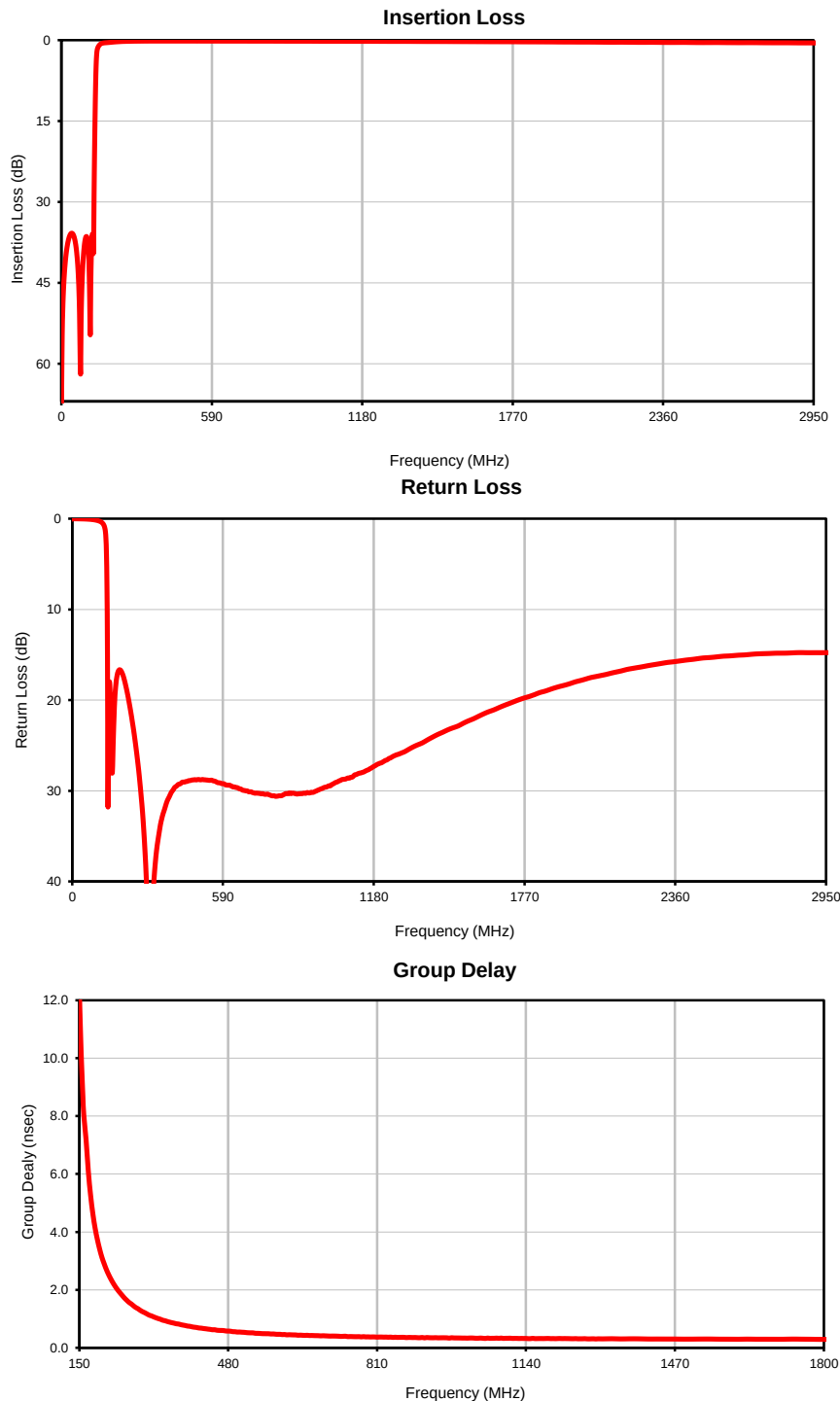
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Typical Performance Curves



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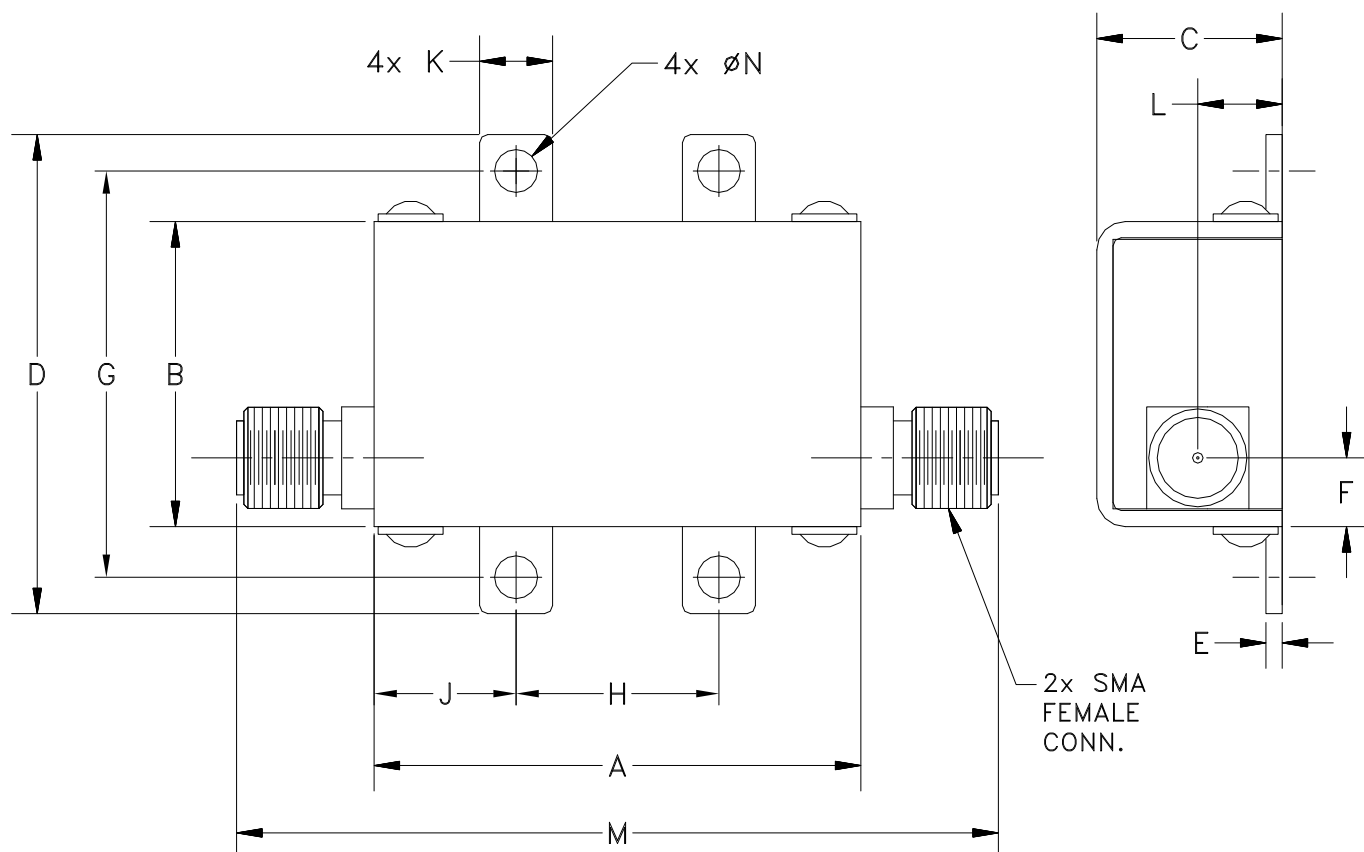
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Case Style

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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



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