

High Pass Filter Coaxial

ZX75HP-EDU2573+

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.

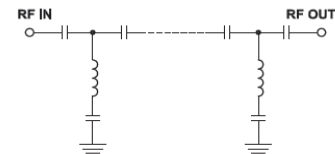
CASE STYLE : HY1239

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C

Parameter	Min.	Typ.	Max.	Units
Passband (Loss < 3 dB)	3200	-	8000	MHz
Insertion loss 3 dB	-	3086	-	MHz
Stopband (Loss > 30 dB)	10	-	2800	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)
10	78.91	0.01	3000	2.24
100	56.98	0.01	3250	75.00
250	49.01	0.00	3500	0.73
500	43.19	0.01	3750	0.56
1600	38.09	0.12	4000	0.47
2000	45.33	0.18	4250	0.43
2500	41.82	0.34	4500	0.40
2800	43.13	0.60	4750	0.38
2926	30.38	0.95	5000	0.37
2966	19.91	1.28	5250	0.35
3000	12.81	1.98	5500	0.34
3086	3.09	8.94	5750	0.33
3116	2.31	11.00	6000	0.32
3200	1.50	13.46	6250	0.32
4000	0.78	12.53	6500	0.32
5000	0.50	17.22	6750	0.32
5500	0.58	14.89	7000	0.32
6000	0.72	13.01	7250	0.32
6500	0.67	15.08	7350	0.32
7000	0.58	18.94	7500	0.31
8000	1.44	9.13	7900	0.30
9000	1.02	12.85	8000	0.30



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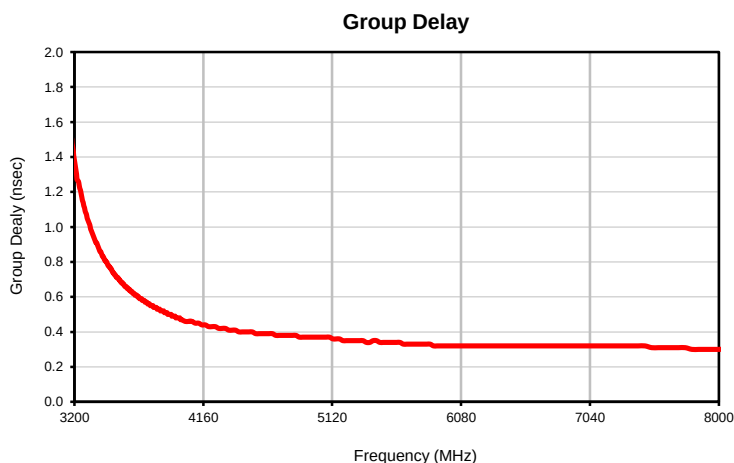
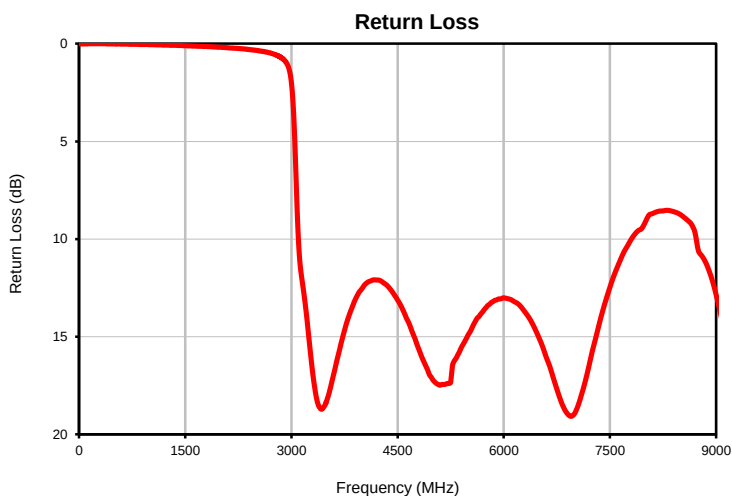
IF/RF MICROWAVE COMPONENTS

REV. OR
ZX75HP-EDU2573+
URJ
170619
Page 1 of 1

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Typical Performance Curves



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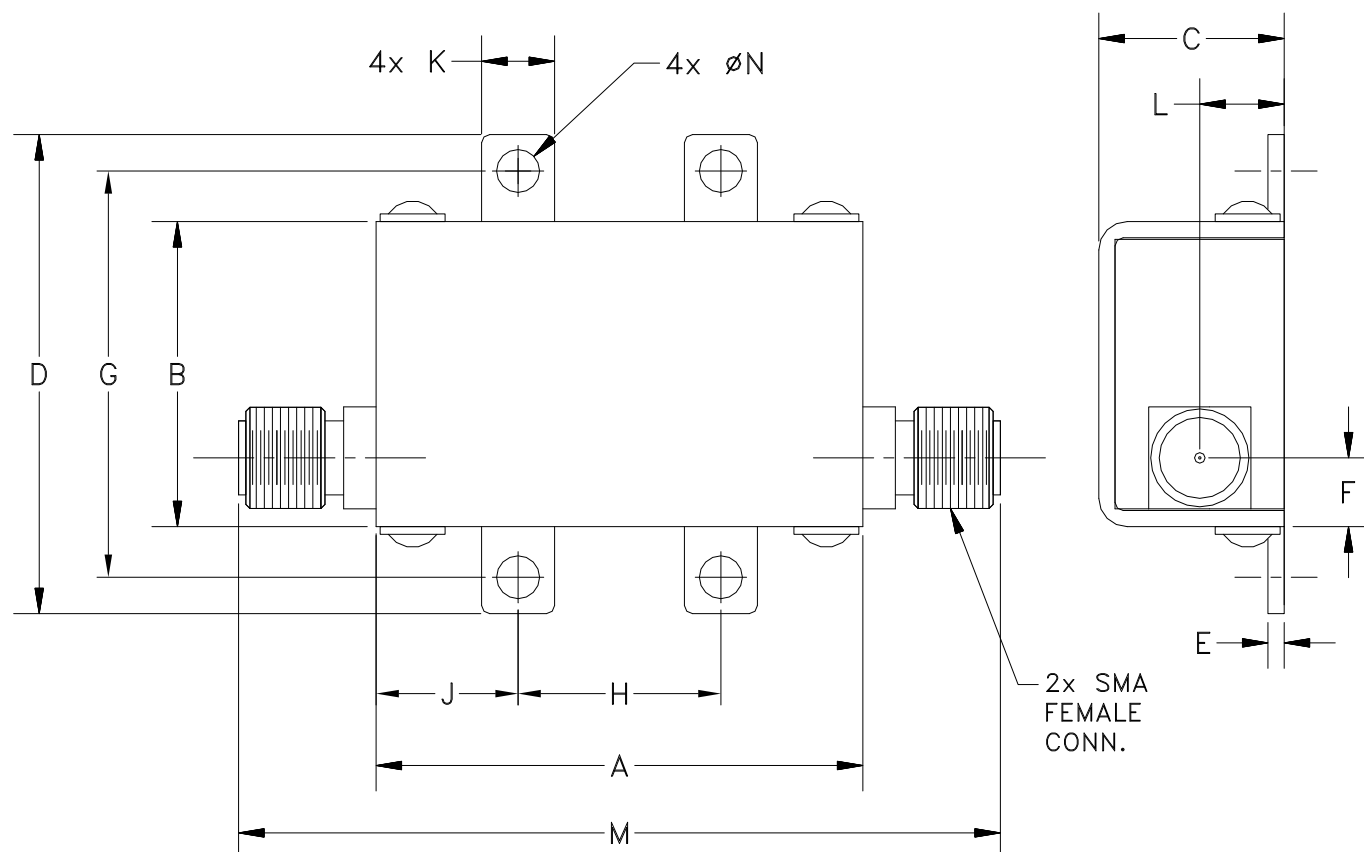
REV. OR
ZX75HP-EDU2573+
URJ
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Page 1 of 1

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



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