



CRYSTEK
MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

High Pass Filter
50Ω SMA
7th Order

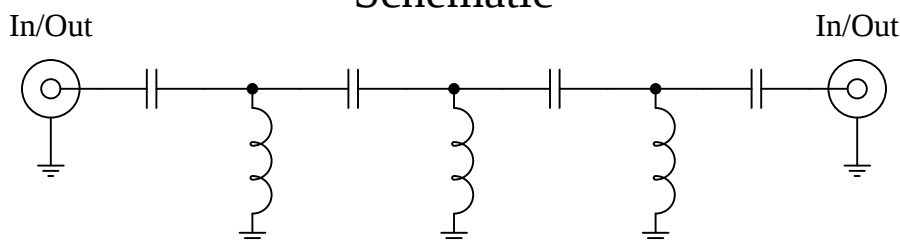


Part Number: CHPFL-0500

New
High Pass Filters



Schematic



Features:

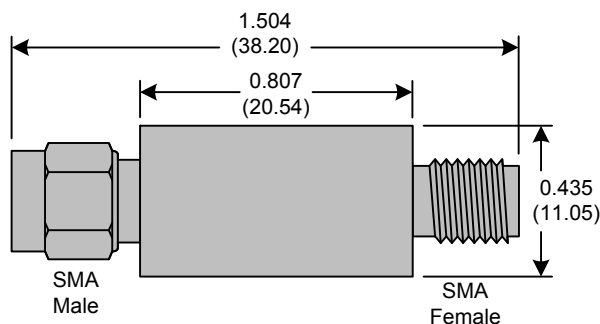
- 7th Order Butterworth Response
- 50Ω SMA Connectors

Applications:

- Test Equipment
- Lab Use

Maximum Ratings:

- +36dBm (4 Watts)
- Operating Temperature: -40°C to 85°C
- Storage Temperature: -55°C to 100°C



Crystek's new line of High Pass Filters are designed in a rugged SMA housing. This filter line has excellent out-of-band rejection. Designed for Test Equipment and General Lab Use.

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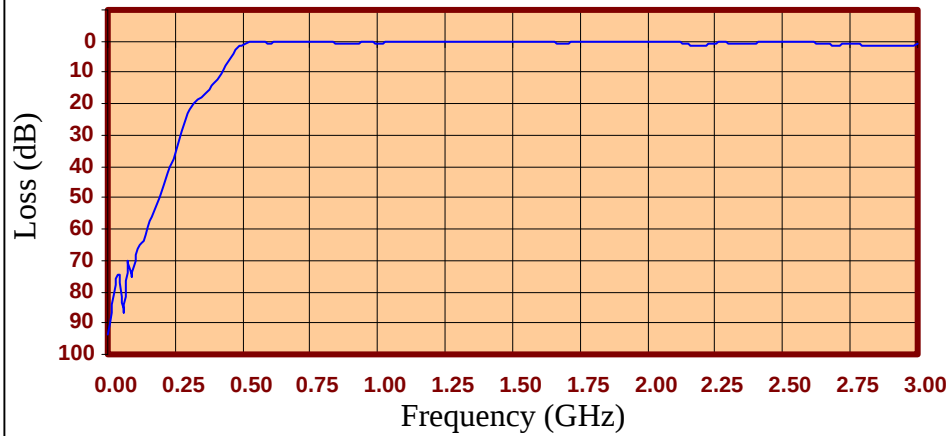


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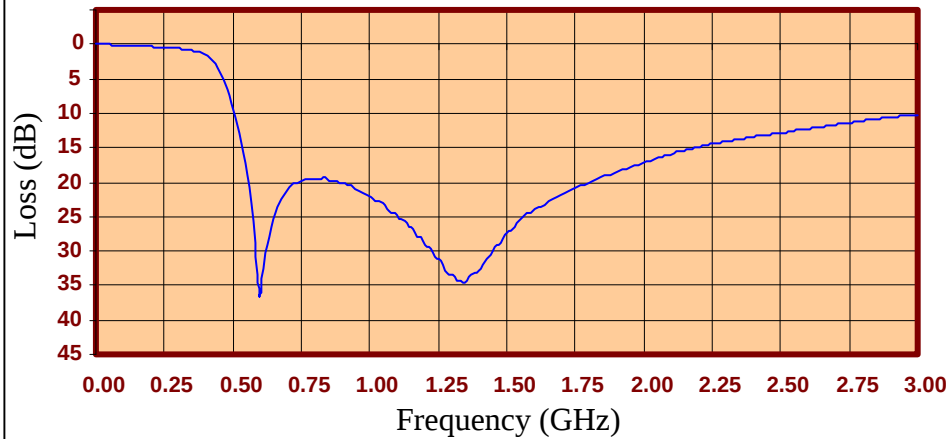
12730 COMMONWEALTH DRIVE • FORT MYERS, FLORIDA 33913
PHONE: 239-561-3311 • 800-237-3061
FAX: 239-561-1025 • WWW.CRYSTEK.COM



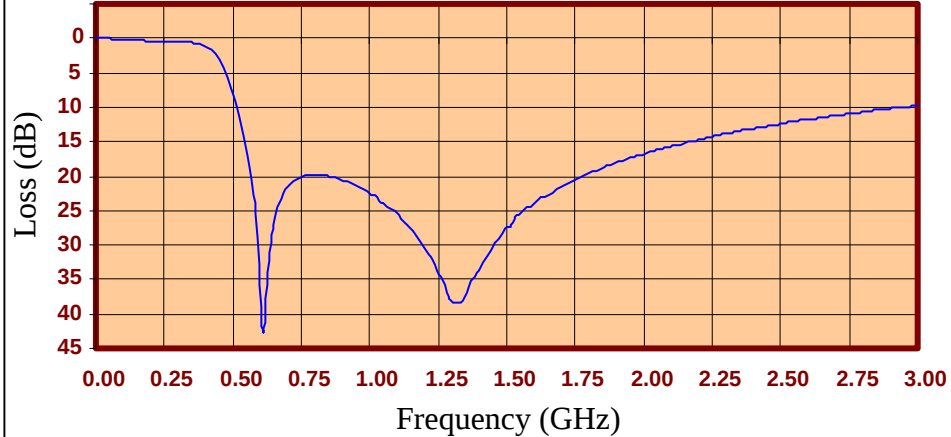
500MHz Insertion Loss



Male Side Return Loss



Female Side Return Loss





FREQ (MHz)	INSERTION LOSS (dB)	Male Return Loss (dB)	Female Return Loss (dB)
0.3	112.15	0.00	0.00
15.3	96.62	0.01	0.01
30.3	95.24	0.02	0.01
45.3	97.99	0.02	0.03
60.3	85.58	0.06	0.08
75.3	82.62	0.06	0.09
90.3	75.25	0.08	0.08
105	69.15	0.09	0.11
120	66.00	0.13	0.16
135	64.64	0.21	0.20
150	62.93	0.21	0.26
165	59.84	0.31	0.33
180	55.63	0.31	0.35
195	50.32	0.34	0.36
210	44.54	0.35	0.36
225	40.93	0.38	0.37
240	39.67	0.42	0.41
255	38.15	0.47	0.45
270	35.55	0.52	0.48
285	31.85	0.58	0.51
300	27.12	0.62	0.54
330	19.31	0.73	0.60
405	9.58	1.72	1.34
450	5.44	3.88	3.18
510	0.81	10.62	9.23
585	0.73	28.93	25.35
705	0.29	20.71	21.33
810	0.19	19.67	19.92
900	0.55	20.25	20.69
1005	0.38	22.15	22.87
1245	0.28	31.09	33.85
1500	0.13	27.51	27.36
1755	0.00	20.75	20.45
1995	0.31	17.24	16.86
2250	0.83	14.51	14.28
2505	0.80	12.90	12.38
2745	1.14	11.43	10.97
3000	1.51	10.21	9.77

Product Control:

Crystek Part Number:	CHPFL-0500	Release Date:	29-May-2015
Revision Level:	C	Responsible:	K. Piotrowicz

Rev C

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AMEYA360

Components Supply Platform

Authorized Distribution Brand :



Website :

Welcome to visit www.ameya360.com

Contact Us :

➤ Address :

401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd
Minhang District, Shanghai , China

➤ Sales :

Direct +86 (21) 6401-6692

Email amall@ameya360.com

QQ 800077892

Skype ameyasales1 ameyasales2

➤ Customer Service :

Email service@ameya360.com

➤ Partnership :

Tel +86 (21) 64016692-8333

Email mkt@ameya360.com