

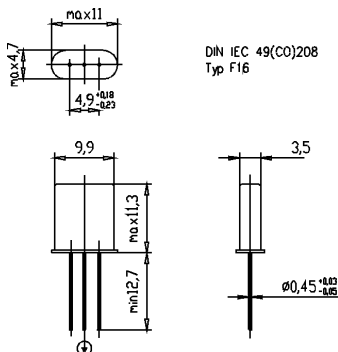
Monolithic Crystal Filters

10.7 MHz Channel Spacing 50 kHz 3 dB-Bandwidth ± 15 kHz

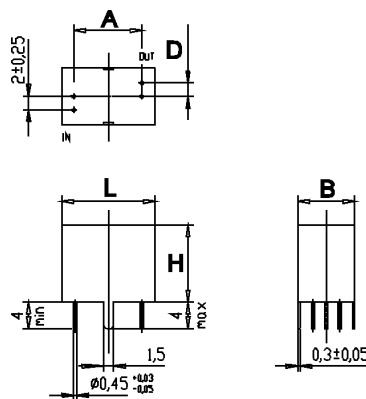
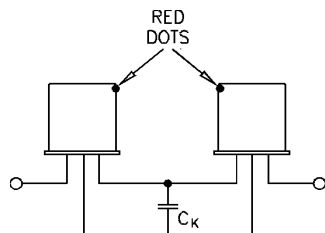
Type: Previous Part No:	XFD-107C XF-100	XFM-107UT	XFM-107QT	XFM-107JT	XFM-107CX
Number of poles:	2	4	6	8	10
Insertion loss max.(dB):	1.5	3.0	3.0	3.5	4.0
Ripple max.(dB):	1.0	1.0	2.0	2.0	2.0
Stopband attenuation (dB / kHz): (dB / kHz):	25 / ± 75 -	40 / ± 50 -	45 / ± 35 65 / ± 50	70 / ± 35 90 / ± 50	70 / ± 30 90 / ± 40
Ultimate attenuation (dB / kHz ... kHz):	> 40 / $\pm 300 \dots \pm 500$	> 60 / $\pm 300 \dots \pm 500$	> 80 / $\pm 100 \dots \pm 500$	> 90 / $\pm 50 \dots \pm 500$	> 90 / $\pm 40 \dots \pm 500$
Termination Input/Output (Ω // pF):	5000 // -0.5	910 // 25	910 // 25	910 // 25	5000 // -0.5
Case style:	BF-17 (HC-49/U)	BF-13	BF-14	BF-15	BF-15
Max. input power:	1.0 mW				
Temperature ranges Operating: Operable: Storage:	- 20°C ... + 70°C - 40°C ... + 80°C - 55°C ... + 105°C				

Case

BF-17



Application Circuit for 2 Pole filters:



Dimensions in mm:

	L	B	H	A	D
BF-25	7.5	8.5	11.5	3.75	3.75
BF-16	11.0	8.5	11.5	7.4	4.0
BF-19	14.0	8.7	11.5	10.0	3.75
BF-13	15.0	12.0	15.0	9.0	5.0
BF-14	18.5	12.0	15.0	13.4	5.0
BF-15	23.0	12.0	15.0	17.8	5.0



VECTRON
INTERNATIONAL
A DOVER TECHNOLOGIES COMPANY

166 Glover Avenue
Norwalk, CT 06856

Tel: 1-888-VECTRON-1
Fax: 1-888-FAX-VECTRON
www.vectron.com