



Discrete Crystal Filters

Examples of our product range

Type:	XF-14S01	XF-50S10	XF-107S251	XF-107S276	XF-120SXXX
Frequency (MHz)	1.401675	5.0	10.70	10.70	12.0
Passband (dB / kHz):	2.0 / ± 0.1375	3.0 / ± 0.18	3.0 / ± 50	6.0 / ± 110	1.0 / ± 25
Insertion loss max.(dB):	6.0	4.5	4.5	11.0	8.0
Ripple max.(dB):	2.0	2.5	2.0	2.0	1.0
Stopb. att. (dB / kHz): (dB / kHz):	60 / + 500 60 / - 100	40 / ± 0.35 60 / ± 0.6	60 / ± 300 80 / ± 500	60 / ± 380 -	35 / ± 100 -
Ultimate atten. (dB): (kHz ... kHz):	> 60	> 80	> 90	> 90 / $\pm 1000 \dots \pm 10000$	> 70 / $\pm 250 \dots \pm 2000$
Termination (Ω // pF):	50	50	50	50	50
Case style:	BF-104	BF-1	BF-32	BF-10	BF191-10.8
Temperature range (°C)	0 / +60	0 / +75	-20 / +70	0 / +60	-20 / +70
Max. input power	1.0 mW	1.0 mW	1.0 mW	1.0 mW	1.0 mW

Examples of our product range

Type:	XF-214S06	XF-214S117	XF-214S119	XF-400S01	XF-700S44
Frequency (MHz)	21.4	21.4	21.4	40.0	70.0
Passband (dB / kHz):	6.0 / ± 1.3	3.0 $> \pm 100 \pm 20$	3.0 $> \pm 50 \pm 10$	3.0 / ± 7.5	3.0 / ± 50
Insertion loss max.(dB):	3.5	10.0	9.0	6.0	4.0
Ripple max.(dB):	2.0	2.0	2.0	2.0	1.0
Stopb. att. (dB / kHz): (dB / kHz):	30 / ± 3.0 60 / ± 4.0	3:60 dB=1:3	60 / ± 1000 -	50 / ± 30 -	40 / ± 150 -
Ultimate atten. (dB): (kHz ... kHz):	> 90	> 70	> 90 / $\pm 1500 \dots \pm 10k$	> 60 / $\pm 300 \dots \pm 2000$	> 70 / $\pm 400 \dots \pm 2000$
Termination (Ω // pF):	350 // 30	50	50	50	50
Case style:	BF-1	BF-32	BF-32	BF-10	BF-6
Temperature range (°C)	-20 / +70	0 / +50	-20 / +70	-20 / +70	-10 / +50
Max. input power	1.0 mW	1.0 mW	1.0	1.0 mW	1.0 mW

KVG Quartz Crystal Technology

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Handelsregister: Amtsgericht Heidelberg Nr. 185 SH Geschäftsführer: Manfred Klimm



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Examples of our product range					
Type:	XF-700S05	XF-710S03			
Frequency (MHz)	70.0	71.0			
Passband (dB / kHz):	3.0 / ± 7.5	3.0 / ± 90			
Insertion loss max.(dB):	6.0	6.0			
Ripple max.(dB):	1.0	1.0			
Stopb. att. (dB /kHz): (dB / kHz):	40 / ± 30 -	60 / ± 600 -			
Ultimate atten. (dB): (kHz ... kHz):	> 70 / $\pm 100.. \pm 5k$	> 80 / $\pm 2k.. \pm 10k$			
Termination (Ω // pF):	50	50			
Case style:	BF-32	BF-32			
Temperature range (°C)	-25 / +70	-20 / +70			
Max. input power	1.0mW	1.0mW			

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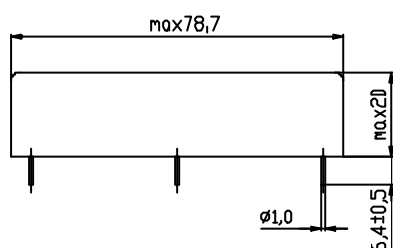
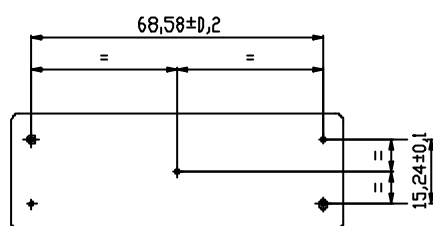
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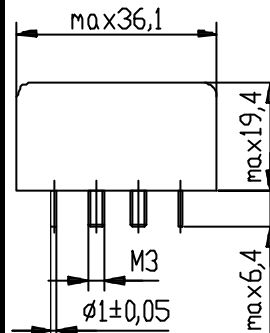
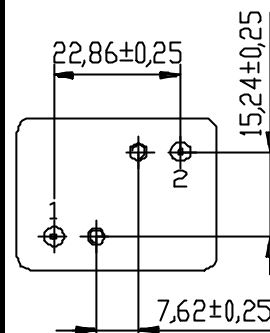


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Case Style



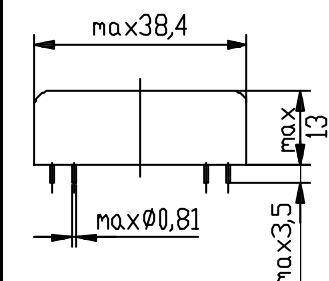
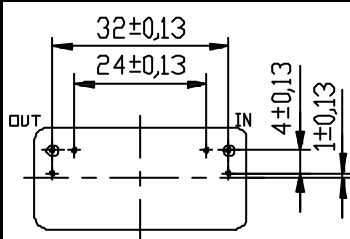
Case Style BF-107



Case Style BF-1

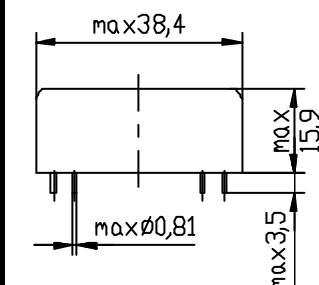
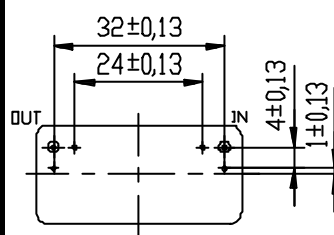
DIN IEC 49(CO)208
Typ F01

1 = IN
2 = OUT



Case Style BF-32

DIN IEC 49(CO)208
Typ F02



Case Style BF-10

DIN IEC 49(CO)208
Typ F02

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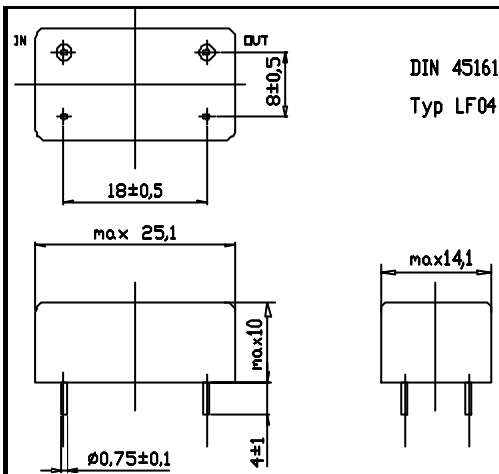
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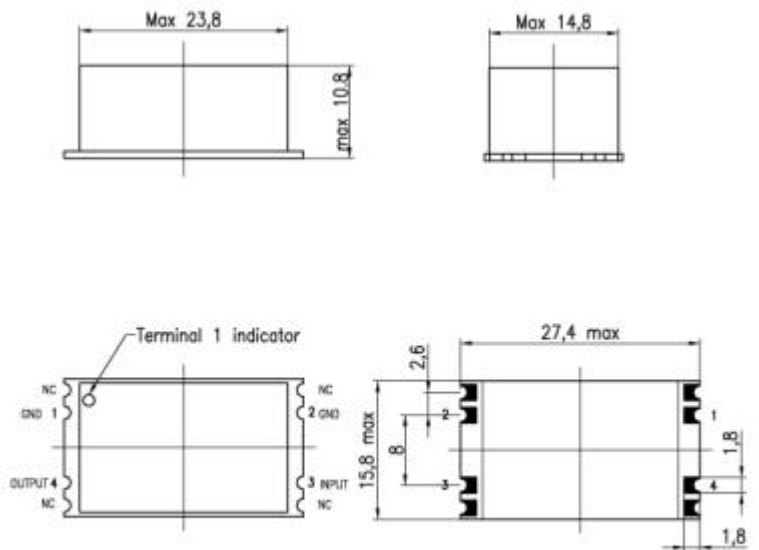
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Discrete Crystal Filters



Case Style BF-6



Case Style BF-191-10.8

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