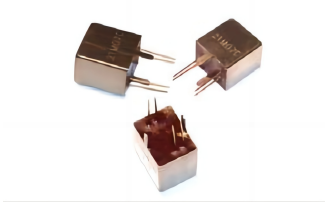




**MULTI-POLES CRYSTAL FILTER**

**多级点晶体滤波器**



**S-1/S-2、L-1/L-2/L-3/L-4 DIP TYPE**

- High stability for wide temperature ranges
- Wide frequency ranges
- RoHS Compliant (Pb Free)



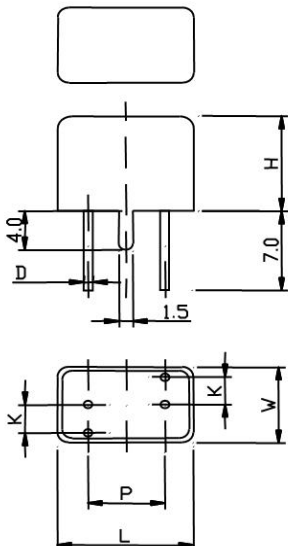
RoHS compliant

**★ PARAMETERS 技术参数**

Model 型号	Centre Frequency 标称频率 (MHz)	Pole 极点	Pass Band Width 通带宽度 (KHz/dB)	Stop Band Width 阻带宽度 (KHz/dB)		Pass Band Ripple 波动 (dB) max	Insertion Loss 插损 (dB) max	Guaranteed Attenuation 带外衰减 KHz/dB	Terminal Impedance 端接阻抗 Zt/C(Ω/pF)	Type 外形
HL21M07C	21.400	6	±3.75/3	±8.75/45	±12.5/65	2.0	3.0	(+12.5~+300)/65	850//5	S-1
HL21M07D	21.400	8	±3.75/3	±9.0/65	±12.5/90	2.0	4.0	(+12.5~+300)/65	850//5	S-2
HL21M07E	21.400	10	±3.75/3	±8.75/75	±10.5/90	2.0	4.5	(+12.5~+300)/65	850//5	S-2
HL21M12C	21.400	6	±6.0/3	±14.0/45	±20.0/65	2.0	3.0	(+20~+300)/65	1200//2.5	S-1
HL21M12D	21.400	8	±6.0/3	±14.0/65	±20.0/90	2.0	4.0	(+20~+300)/90	1200//2.5	S-2
HL21M15C	21.400	6	±7.50/3	±17.5/45	±25.0/65	2.0	2.5	(+25~+300)/65	1500//2.0	S-1
HL21M15D	21.400	8	±7.50/3	±17.5/65	±25.0/90	2.0	3.0	(+25~+300)/90	1500//2.0	S-2
HL21M15E	21.400	10	±7.50/3	±17.5/75	±20.0/90	2.0	4.0	(+18~+300)/90	1500//2.0	S-2
HL21M30C	21.400	6	±15.0/3	±3.75/45	±50.0/65	2.0	2.5	(+50~+300)/65	2200//0.5	S-1
HL21M20D	21.400	8	±10.0/3	±25.0/80	±30.0/90	2.0	4.0	(+30~+300)/90	1800//0.5	S-2
HL10M07C	10.700	6	±3.75/3	±8.75/45	±12.5/65	2.0	3.5	(+12.5~+300)/65	1800//3.5	L-1
HL10M07D	10.700	8	±3.75/3	±8.75/65	±12.5/90	2.0	4.0	(+12.5~+300)/90	1800//3.5	L-2
HL10M15C	10.700	6	±7.50/3	±17.5/45	±25.0/65	2.0	3.0	(+25~+300)/65	3000//1.5	L-1
HL10M15D	10.700	8	±7.50/3	±17.5/70	±25.0/90	2.0	4.0	(+25~+300)/90	3000//1.5	L-2
HL10M15E	10.700	10	±7.50/3	±15.0/75	±20.0/90	2.0	4.5	(+20~+300)/90	3000//1.5	L-3
HL10M30C	10.700	6	±15.0/3	±45.0/65		2.0	3.0	(+45~+300)/60	5500//1.0	L-1

◎ All specification subject change without notice. 规格变化，恕不另行通知。

**★ DIMENSIONS 外形尺寸 Unit: mm**



Type	L	W	H	P	K	D
S-1	11.0	8.5	11.5	7.4	2.0	0.3
S-2	13.4	8.5	11.5	9.8	2.0	0.3
L-1	15.0	12.0	15.0	9.0	2.5	0.43
L-2	18.5	12.0	15.0	13.4	2.5	0.43
L-3	23.0	12.0	15.0	17.8	2.5	0.43
L-4	12.0	9.5	16.5			0.43

**★ TEST CIRCUIT 测试线路**

