

Crystal Filter

7D Series 49T/49TMJ Crystal Filter

10.7MHz/10.8MHz

Package: DIP/SMD



Features

- Low insertion loss
- High selectivity
- Good inter-modulation and high stability over a wide temperature range
- Excellent guaranteed attenuation
- Application for VHF & UHF radio, Wireless telemetry, Pagers, Wireless LAN, Radio communications, Communications, etc,
- RoHS Compliant /Pb Free



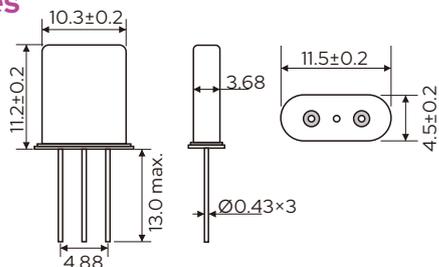
Standard Specifications

Channel Spacing (KHz)	Model	No. of Poles	Pass Bandwidth		Stop Bandwidth		Ripple dB (max.)	Insertion Loss dB (max.)	Guaranteed Attenuation		Terminating Impedance ohms // pF	Package	
			dB	kHz (min.)	dB	kHz (max.)			dB	kHz		Tandem Set	One Package
12.5	10M7.5A	2	3	±3.75	20	±18	0.5	1.5	35	±300~±1000	1.8K // 5.0	49T	
	10M7.5B	4	3	±3.75	40	±14	1.0	2.5	65	±300~±1000	1.8K // 4.5	49T a pair	
	10M7.5C	6	3	±3.75	45	±8.75	2.0	3.5	65	±12.5~±300	1.8K // 3.5	49T 3 pcs	L1
	10M7.5D	8	3	±3.75	65	±8.75	2.0	4.0	90	±12.5~±300	1.8K // 3.5	49T 4 pcs	L2
20.0	10M12A	2	3	±6.0	18	±25	0.5	2.0	35	±300~±1000	2.5K // 2.5	49T	
	10M12B	4	3	±6.0	40	±20	1.0	2.5	65	±300~±1000	2.5K // 1.5	49T a pair	
	10M12C	6	3	±6.0	45	±15	2.0	4.0	65	±20~±300	2.5K // 1.5	49T 3 pcs	L1
	10M12D	8	3	±6.0	65	±15	2.0	2.0	90	±20~±300	2.5K // 1.5	49T 4 pcs	L2
25.0	10M15A	2	3	±7.5	18	±25	0.5	1.5	35	±300~±1000	3.0K // 2.0	49T	
	10M15B	4	3	±7.5	40	±25	1.0	2.5	55	±300~±1000	3.0K // 1.5	49T a pair	
	10M15C	6	3	±7.5	45	±18	2.0	3.0	65	±25~±300	3.0K // 1.5	49T 3 pcs	L1
	10M15D	8	3	±7.5	65	±18	2.0	4.0	90	±25~±300	3.0K // 1.5	49T 4 pcs	L2
50.0	10M30A	2	3	±15	10	±50	0.5	1.5	30	±300~±1000	5.5K // 0	49T	
	10M30B	4	3	±15	30	±40	1.0	2.5	30	±300~±300	5.5K // -1.0	49T a pair	
	10M30C	6	3	±15	60	±45	2.0	3.0	60	±45~±300	5.5K // -1.0	49T 3 pcs	L1
	10M30D	8	3	±15	60	±30	2.0	3.5	90	±45~±300	5.5K // -1.0	49T 4 pcs	L2

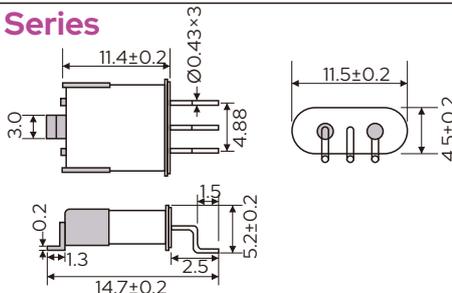
Dimensions

[mm]

49T Series

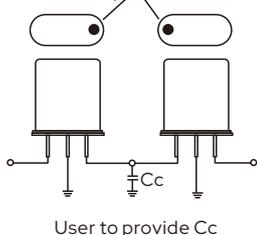


49TMJ Series

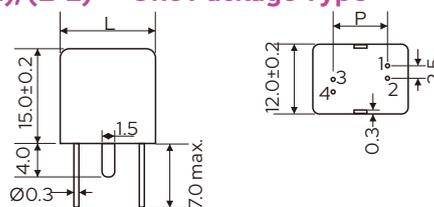


4 Pole M.C.F. (Paired package, Tandem set)

Color dots for pair orientation match



(L-1), (L-2)---One Package Type



Pin Connection
 Pin 1: Output
 Pin 2: Ground
 Pin 3: Ground
 Pin 4: Input

	L	P
L-1	15.0	9.0
L-2	18.5	13.4