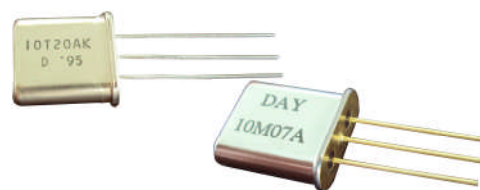


Monolithic Crystal Filters		Features ◆Dimensions:49/U,49/T,UM-1,UM-5 ◆RoHS Compliant ◆No. of poles:2,4,6,8
10.7MHz	21.4MHz	



Electrical Specifications

P/N	Nominal Frequency (MHz)	No. of Poles	Passband Width (KHz/dB)	Ripple (dB)	Insertion Loss (dB)	Stop Bandwidth (KHz/dB)	Guaranteed Attenuation (dB)	Termination Impedance (Ω/pF)	Holder type
S7.5A	10.7	2	±3.75/3	0.5	1.5	±18/20	20	1.8//5	49/T
S8A	10.7	2	±4.0/3	0.5	1.5	±30/20	20	1.8//5	49/T
S10A	10.7	2	±5/3	0.5	1.5	±22.5/18	18	2.0	49/T
S15A	10.7	2	±7.5/3	0.5	1.5	±25/15	15	3.0//1	49/T
S20A	10.7	2	±10/3	0.5	1.5	±35/18	18	2.0 4.0	49/T
S25A	10.7	2	±12.5/3	0.5	1.5	±50/15	15	5.0//0	49/T
S30A	10.7	2	±15/3	0.5	1.5	±50/15	15	5.0	49/T
S7.5B	10.7	4	±3.75/3	1.0	2.5	±14/40	40	1.8//4	49/T×2
S8B	10.7	4	±4.0/3	1.0	2.5	±15/40	40	1.8//4	49/T×2
S10B	10.7	4	±5/3	1.0	2.5	±20/40	40	2.0	49/T×2
S15B	10.7	4	±7.5/3	1.0	2.5	±27/40	40	3.0//1.5	49/T×2
S20B	10.7	4	±10/3	1.0	2.5	±34/40	40	2.0 4.0	49/T×2
S25B	10.7	4	±12.5/3	2.0	3.0	±45/40	40	2.0	49/T×2
S30B	10.7	4	±15/3	1.0	2.5	±40/30	30	5.5	49/T×2
S7.5C	10.7	6	±3.75/3	2.0	3.5	±12.5/65	65	1.8//3.5	49/T×2 OR H-3
S15C	10.7	6	±7.5/3	2.0	3.0	±25/60	60	2.0	49/T×2 OR H-3
S15C1	10.7	6	±7.5/6	2.0	3.0	±23/60	60	3.0//1	49/T×2 OR H-3
S20C	10.7	6	±10/3	2.0	3.0	±35/65	65	0.8//5-20	49/T×2 OR H-3
S20C1	10.7	6	±10/6	2.0	3.0	±34/65	65	4.0	49/T×2 OR H-3
S25C	10.7	6	±12.5/3	2.0	3.0	±45/60	60	0.8//5-20	49/T×2 OR H-3
S30C	10.7	6	±15/6	2.0	3.0	±45/65	65	0.8//5-20	49/T×2 OR H-3
S15D	10.7	8	±7.5/3	2.0	3.5	±25/80	80	2.0	H-4
S30D	10.7	8	±15/6	2.0	3.5	±40/80	80	5.5//1	H-4
S7.5A	10.7	2	±3.75/3	0.5	2.0	±18/20	20	3.5//3	UM-1
S15A1	10.7	2	±7.5/3	0.5	2.0	±25/18	18	3.5//2.5	UM-1

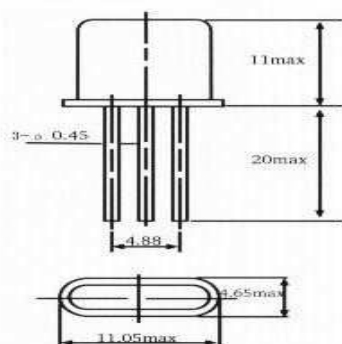


Monolithic Crystal Filters

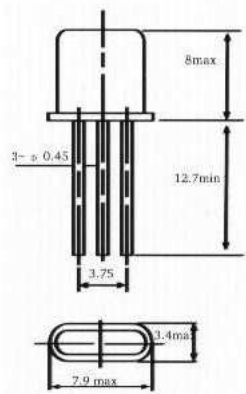
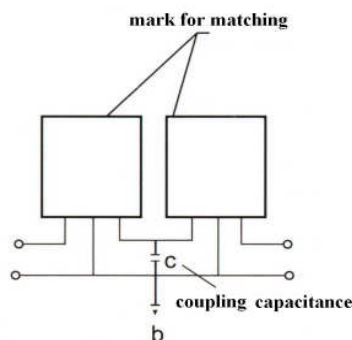
10.7MHz 21.4MHz

P/N	Nominal Frequency (MHz)	No. of Poles	Passband Width (KHz/dB)	Ripple (dB)	Insertion Loss (dB)	Stop Bandwidth (KHz/dB)	Guaranteed Attenuation (dB)	Termination Impedance (Ω /pF)	Holder type
T7.5A	21.4	2	$\pm 3.75/3$	0.5	1.5	$\pm 18/20$	20	0.85//6	UM-1,5
T13A	21.4	2	$\pm 6.5/3$	0.5	2	$\pm 23/15$	18	1.0//3	UM-1,5
T15A	21.4	2	$\pm 7.5/3$	0.5	2.0	$\pm 25/18$	18	1.5//2.5	UM-1,5
T30A	21.4	2	$\pm 15/3$	1.0	2.0	$\pm 45/15$	15	1.5//1.0	UM-1,5
T7.5B	21.4	4	$\pm 3.75/3$	1.0	2.5	$\pm 14/40$	40	0.85//5	(UM-1,5) $\times 2$
T13B	21.4	4	$\pm 6.5/3$	1.0	2.5	$\pm 25/40$	40	1//3	(UM-1,5) $\times 2$
T15B	21.4	4	$\pm 7.5/3$	1.0 1.5	2.0 2.5	$\pm 30/40$	40	1.5//2	(UM-1,5) $\times 2$
T15B-1	21.4	4	$\pm 7.5/3$	1.0	2.5	$\pm 25/46$	50	1.0//1	(UM-1,5) $\times 2$
T30B	21.4	4	$\pm 15/3$	1.0	2.0	$\pm 50/40$	40	2.0//0.5	(UM-1,5) $\times 2$
T15C	21.4	6	$\pm 7.5/3$	2.0	3.0	$\pm 25/60$	60	1.5//2	H-1
T20C	21.4	6	$\pm 10/3$	2.0	3.0	$\pm 32.5/60$	60	1.5	H-1
T30C	21.4	6	$\pm 15/3$	2.0	2.5	$\pm 50/60$	60	2.2//0.5	H-1
T15D	21.4	8	$\pm 7.5/3$	2.0	3.0	$\pm 20/80$	80	1.5//2	H-2
T30D	21.4	8	$\pm 15/3$	2.0	3.0	$\pm 50/80$	80	2.2//0.5	H-2

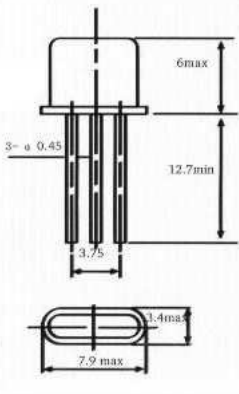
Dimensions (Unit:mm)



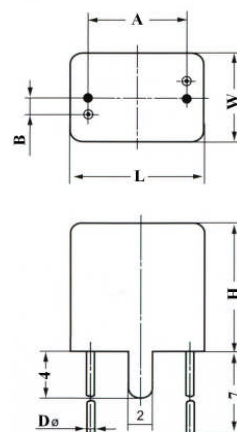
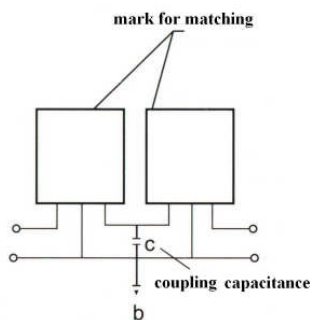
49/T



UM-1



UM-5



H-1-6

Monolithic Crystal Filters

10.7MHz 21.4MHz

H-1~6

	L	W	H	A	B	DΦ
H-1	11	8.5	11.5	7.4	2.0	0.3
H-2	13.4	8.5	11.5	9.8	2.0	0.3
H-3	15	12	15	9.0	2.5	0.43
H-4	18.5	12	15	13.4	2.5	0.43
H-5	23	12	15	17.8	2.5	0.43
H-6	28	12	15	22.2	2.5	0.43