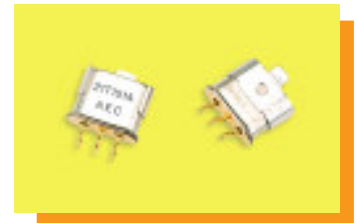


Features

- ★ Low insertion loss
- ★ High selectivity

Applications

- ★ Pager, SSB
- ★ Cordless telephone
- ★ Portable telephone
- ★ VHF radio



Specifications (Characteristics)

For normal 10.7MHz series

Type	Nominal Freq. (MHz)	Pole	Pass Band		Stop Band		Ripple (dB)	Loss (dB)	Guaranteed attenuation		Terminating impedance Ω/μF	Operating temp. range (°C)	Case
			dB	KHz	dB	KHz			dB	fo±KHz			
10L071A	10.695	2	3	±3.75	20	±18.0	0.5	1.5	35	±300~ ±1000	1.8K//5.0	-20 ~ +70	HC-49/U.3S*1
10L072A		4	3	±3.75	40	±14.0	1.0	2.5	65	±300~ ±1000	1.8K//4.5	-20 ~ +70	HC-49/U.3S*2
10L121A	I	2	3	±6.00	20	±25.0	0.5	1.5	35	±300~ ±1000	2.5K//2.5	-20 ~ +70	HC-49/U.3S*1
10L122A		4	3	±6.00	40	±20.0	1.0	2.5	65	±300~ ±1000	2.5K//1.5	-20 ~ +70	HC-49/U.3S*2
10L151A	10.700	2	3	±7.50	18	±25.0	0.5	1.5	35	±300~ ±1000	3.0K//2.0	-20 ~ +70	HC-49/U.3S*1
10L152A		4	3	±7.50	40	±25.0	1.0	2.5	65	±300~ ±1000	3.0K//1.5	-20 ~ +70	HC-49/U.3S*2
10L301A		2	3	±15.0	15	±50.0	0.5	1.5	30	±300~ ±1000	5.0K//0	-20 ~ +70	HC-49/U.3S*1
10L302A		4	3	±15.0	30	±40.0	1.0	2.5	65	±300~ ±1000	5.5K//1.0	-20 ~ +70	HC-49/U.3S*2

For normal 21.4MHz series

21S081A	21.400	2	3	±3.75	20	±18.0	0.5	1.5	35	±300~ ±1000	850//6.0	-20 ~ +70	UM-1.3S*1
21S082A		4	3	±3.75	40	±14.0	1.0	2.5	65	±300~ ±1000	850//5.0	-20 ~ +70	UM-1.3S*2
21S121A	I	2	3	±6.00	20	±25.0	0.5	1.5	35	±300~ ±1000	1.2K//3.0	-20 ~ +70	UM-1.3S*1
21S122A		4	3	±6.00	40	±20.0	1.0	2.5	65	±300~ ±1000	1.2K//2.5	-20 ~ +70	UM-1.3S*2
21S151A	21.800	2	3	±7.50	18	±25.0	0.5	1.5	35	±300~ ±1000	1.5K//2.5	-20 ~ +70	UM-1.3S*1
21S152A		4	3	±7.50	40	±25.0	1.0	2.5	65	±300~ ±1000	1.5K//2.0	-20 ~ +70	UM-1.3S*2
21S301A		2	3	±15.0	15	±45.0	0.5	1.5	35	±300~ ±1000	1.5K//1.0	-20 ~ +70	UM-1.3S*1
21S302A		4	3	±15.0	40	±50.0	1.0	2.5	65	±300~ ±1000	2.2K//0.5	-20 ~ +70	UM-1.3S*2

For pager

21S151A	21.400	2	3	±7.50	18	±25.0	1.0	1.5	35	±300~ ±1000	1.5K//2.5	-20 ~ +70	UM-1.3S*1
21T151A	I	2	3	±7.50	18	±25.0	1.0	1.5	35	±300~ ±1000	1.5K//2.0	-20 ~ +70	UM-5.3S*2
21T201A	21.800	2	3	±10.0	15	±30.0	1.0	1.5	35	±300~ ±1000	1.8K//1.5	-20 ~ +70	UM-5.3S*2

For cordless telephone

10L151A	10.700	2	3	±7.5	18	±25.0	0.5	2.0	35	±300~ ±1000	3.0K//2.0	-20 ~ +70	HC-49/U.3S*1
21S071A	21.400	2	3	±3.50	18	±12.5	1.0	2.0	60	-(910±10)	1.5K//6.0	-20 ~ +70	UM-1.3S*2
21S122A	I	4	3	±6.0	40	±20.0	1.5	3.0	80	±(910±10)	1.2K//2.5	-20 ~ +70	UM-1.3S*2
21S152A	21.800	4	3	±7.5	40	±25.0	1.5	3.0	80	±(910±10)	1.5K//2.0	-20 ~ +70	UM-1.3S*2
58S072AT	58.075	4	3	±3.75	35	±14.0	2.0	4.0	80	±(910±10)	3.0K//0.4	-20 ~ +70	UM-1.3S*2
58S122AT	58.1125	4	3	±6.0	35	±20.0	2.0	3.0	80	±(910±10)	3.0K//0.4	-20 ~ +70	UM-1.3S*2
58S152AT	58.1625	4	3	±7.5	28	±25.0	2.0	3.0	80	±(910±10)	3.0K//1.0	-20 ~ +70	UM-1.3S*2
83S302AT	83.160	4	3	±15.0	20	±60.0	1.5	6.0	65	±(910±10)	2.5K//1.0	-20 ~ +70	UM-1.3S*2

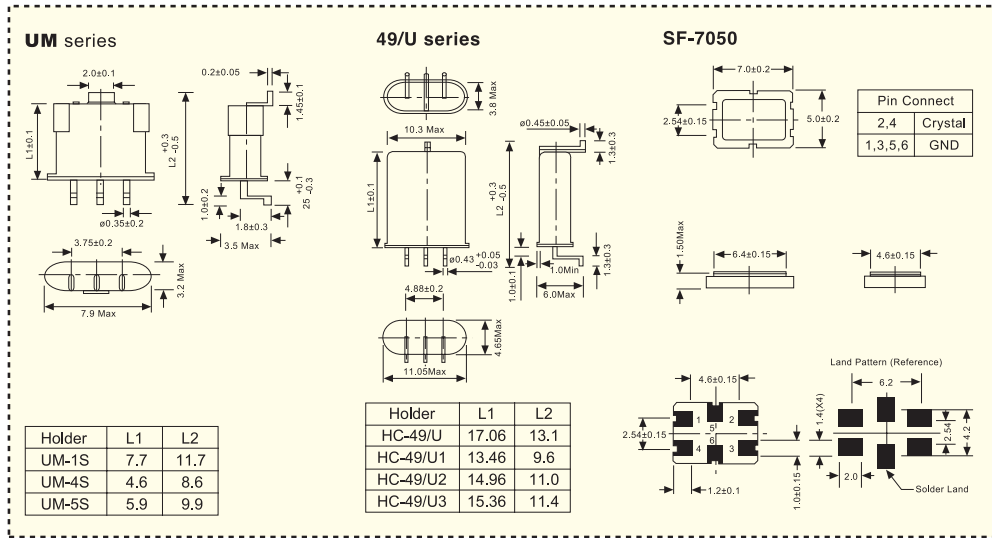
For portable telephone

45S301AF	45.000	2	3	±15.0	15	±50.0	1.0	2.0	50	-(910±10)	600//1.5	-20 ~ +70	UM-1.3S*1
45T301AF		2	3	±15.0	15	±50.0	1.0	2.0	50	-(910±10)	600//1.5	-20 ~ +70	UM-5.3S*1
45N401AF	45.050	2	2	±20.0	15	±60.0	1.0	2.0	50	-(910±10)	860//1.7	-20 ~ +70	UM-4.3S*1
45T151AF		2	3	±7.5	15	±22.0	1.0	2.0	66	-(910±10)	470//6.0	-20 ~ +70	UM-5.3S*1
45S152AF	45.100	4	3	±7.5	40	±30.0	1.0	3.0	80	±300~ ±1000	560//3.0	-20 ~ +70	UM-1.3S*2
45T152AF		4	3	±7.5	40	±30.0	1.0	3.0	80	±300~ ±1000	560//3.0	-20 ~ +70	UM-5.3S*2
45T302AF		4	3	±15.0	30	±60.0	1.0	3.0	80	±910	1.6K//0	-20 ~ +70	UM-5.3S*2
70T202AT		70.000	4	3	±10.0	35	±40.0	2.0	6.0	70	±300~ ±1000	2.5K//1.0	-20 ~ +70
90T092AT	90.000	4	3	±4.5	13	±12.5	2.0	6.0	70	±(910±10)	2.5K//1.0	-20 ~ +70	UM-5.3S*2

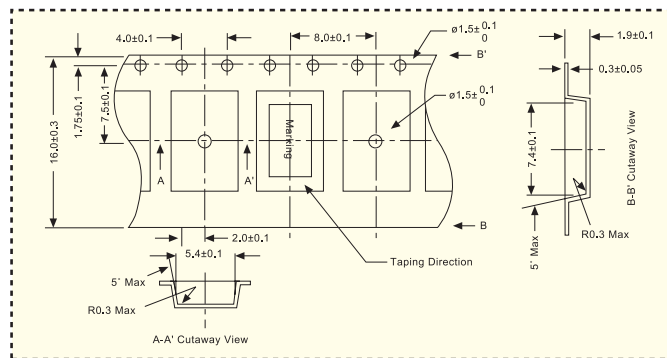
For VHF radio

45L152AT	45.000	4	3	±7.50	40 ±30.0	2.0	3.0	70	±300~±1000	3.0K/-1.0	-20 ~ +70	HC-49/U.3S*2
45S152AT		4	3	±7.50	40 ±30.0	2.0	3.0	70	±300~±1000	3.0K/-1.0	-20 ~ +70	UM-1.3S*2
55L171AT	55.845	2	3	±8.50	18 ±34.0	2.0	3.0	35	±300~±1000	3.0K/-1.0	-20 ~ +70	HC-49/U.3S*1
55S171AT		2	3	±8.50	18 ±34.0	2.0	3.0	35	±300~±1000	3.0K/-1.0	-20 ~ +70	UM-1.3S*1
55S172AT	55.025	4	3	±8.50	25 ±25.0	2.0	3.0	70	±300~±1000	3.0K/-1.0	-20 ~ +70	UM-1.3S*2
58S172AT	58.1125	4	3	±8.50	25 ±25.0	2.0	4.0	70	±300~±1000	3.0K/-1.0	-20 ~ +70	UM-1.3S*2
70S152AT	70.000	4	3	±7.50	40 ±30.0	2.0	6.0	70	±300~±1000	2.5K/-1.0	-20 ~ +70	UM-1.3S*2
90S202AT	90.000	4	3	±10.0	35 ±40.0	2.0	6.0	70	±300~±1000	2.5K/-1.0	-20 ~ +70	UM-1.3S*2

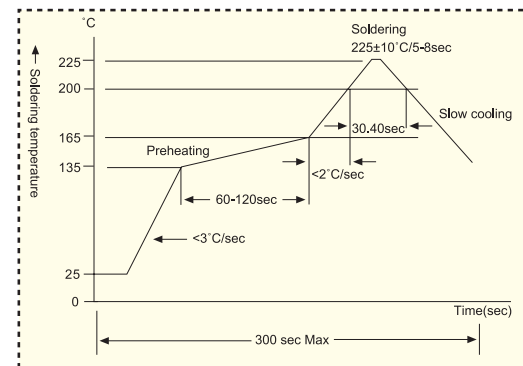
Dimension (Unit: mm)



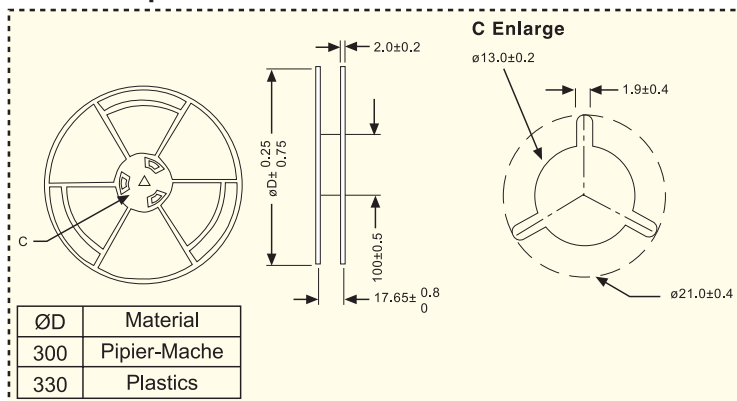
Tape Specification



Solder Reflow Diagram



Reel Specification



Part Number and Ordering

Part Number Code	Part Number + Frequency
Ordering Code	Same as Above
Example	21S151A-21.4M