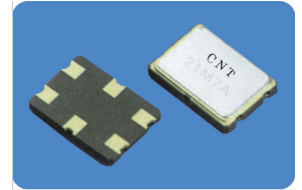




SMD CRYSTAL FILTERS (SMD MCF) 7.0×5.0mm

FEATURES

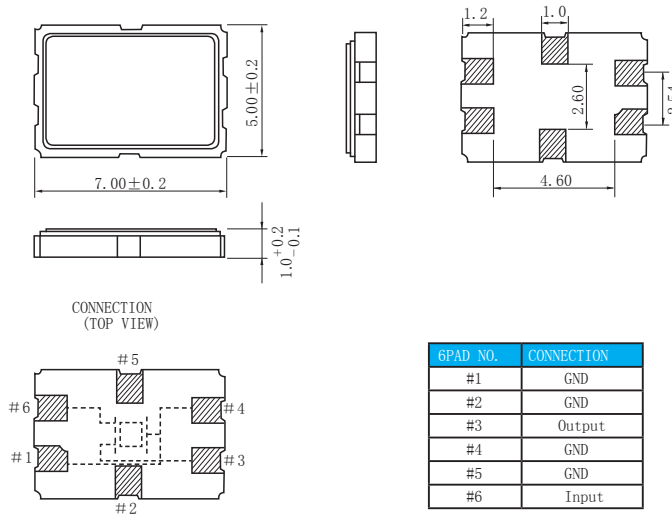
- Low insertion loss
- High selectivity
- Miniature package



SPECIFICATIONS

Series NO	Nominal Frequency (MHz)	No of Poles	Pass Bandwidth		Stop Bandwidth		Ripple Max (dB)	Insertion Loss (dB)	Guaranteed Attenuation		Terminating Impedance (kohm//Pf)
			(dB)	(KHz)	(dB)	(KHz)			(dB)	(KHz)	
21M 7A	21.400000	2	3	±3.75	20	±18.0	0.5	1.5	35/50	+350~+1000/-200~-1000	0.9//5.0
21M 12A		2	3	±6.0	20	±25.0	0.5	1.5	35/50	+350~+1000/-200~-1000	1.2//3.0
21M 15A		2	3	±7.5	18	±25.0	0.5	1.5	35/50	+350~+1000/-200~-1000	1.5//2.0
21M 30A		2	3	±15.0	15	±45.0	0.5	1.5	35/45	+300~+1000/-200~-1000	3.0//0.5
45M 7A	45.000000	2	3	±3.75	10	±12.5	1.0	2.5	65	-900~-920	0.3//10.0
45M 15A		2	3	±7.5	15	±25.0	1.0	2.0	35/40	+500~+1000/-200~-1000	0.65//4.5
45M 20A		2	3	±10.0	15	±34.0	1.0	2.0	35/40	+500~+1000/-200~-1000	0.7//2.5
45M 30A		2	3	±15.0	15	±50.0	1.0	2.0	35	+500~+1000/-300~-1000	0.8//1.5
45M 7A	45.000000	2	3	±3.75	10	±12.5	1.0	2.5	35	-900~-920	2.0//0.5
45M 15A		2	3	±7.5	18	±28.0	1.0	2.0	35	+500~+1000/-200~-1000	4.0//1.0
45M 20A		2	3	±10.0	15	±30.0	1.0	2.0	35	+500~+1000/-200~-1000	5.0//1.0
45M 30A		2	3	±15.0	15	±50.0	1.0	2.0	35	+500~+1000/-300~-1000	8.0//1.0

OUTLINE DIMENSIONS (mm)



PART NUMBER

TIM-	XMS7050	F	10M	7.5	2
Type	oscillator mode	Frequency (MHz)	2×(Pass Bandwidth at 3dB)		
	F:Fundamental	10M:10.700000MHz			
	3:3rd Overtone	21M:21.400000MHz			
		45M:45.000000MHz			