



9C, 7A, 7B, 7M, 8Z and 8Y Series SMD Crystals



Series	Frequency Stability Over Temp	Freq. Tolerance @ 25°C	Operating Temperature	Load Cap.	Shunt Cap.	Drive Level (Max.)
9C-XXXXMAAJ-T	±30ppm (-20°C - 70°C)	±30ppm	-40°C - 85°C	18pF	7pF	500µW
9C-XXXXMEEJ-T	±10ppm (-20°C - 70°C)	±10ppm	-40°C - 85°C	18pF	7pF	500µW
7A-XXXXMAAJ-T	±30ppm (-20°C - 70°C)	±30ppm	-40°C - 85°C	18pF	5pF	200µW
7B-XXXXMAAJ-T	±30ppm (-20°C - 70°C)	±30ppm	-40°C - 85°C	18pF	5pF	100µW
7B-XXXXMEEQ-T	±10ppm (-20°C - 70°C)	±10ppm	-40°C - 85°C	10pF	5pF	100µW
7M-XXXXMAAJ-T	±30ppm (-20°C - 70°C)	±30ppm	-40°C - 85°C	18pF	3pF	50µW
7M-XXXXMEEQ-T	±10ppm (-20°C - 70°C)	±10ppm	-40°C - 85°C	10pF	3pF	50µW
8Z-XXXXMAAJ-T	±30ppm (-20°C - 70°C)	±30ppm	-40°C - 85°C	18pF	3pF	100µW
8Z-XXXXMEEQ-T	±10ppm (-20°C - 70°C)	±10ppm	-40°C - 85°C	10pF	3pF	100µW
8Y-XXXXMAAJ-T	±30ppm (-20°C - 70°C)	±30ppm	-40°C - 85°C	18pF	3pF	200µW
8Y-XXXXMEEQ-T	±10ppm (-20°C - 70°C)	±10ppm	-40°C - 85°C	10pF	3pF	200µW

Mode of Operation: 9C Series ≤30.00MHz Fundamental Mode, >30.00MHz Third Overtone
7A, 7B, 7M, 8Z and 8Y Series are all Fundamental Mode

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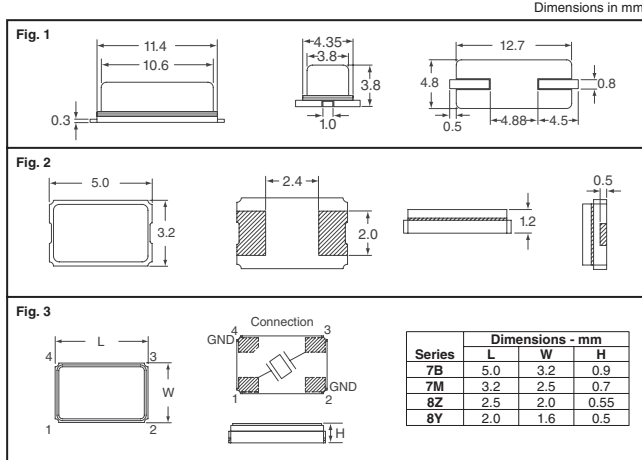


Fig.	Freq. (MHz)	Digi-Key Part No.	Cut Tape Price Each Qty.	Tape and Reel Pricing	TXC Part No.
9C-XXXXMAAJ-T Series					
1	3.579545	887-1040-1-ND	.42 .37 .32	1,000 156.96	9C-3.579545MAAJ-T
	3.6864	887-1041-1-ND	.42 .37 .32	1,000 156.96	9C-3.6864MAAJ-T
	4.000	887-1042-1-ND	.42 .37 .32	1,000 156.96	9C-4.000MAAJ-T
	4.096	887-1043-1-ND	.42 .37 .32	1,000 156.96	9C-4.096MAAJ-T
	4.9152	887-1044-1-ND	.42 .37 .32	1,000 156.96	9C-4.9152MAAJ-T
	6.000	887-1045-1-ND	.42 .37 .32	1,000 156.96	9C-6.000MAAJ-T
	7.3728	887-1046-1-ND	.42 .37 .32	1,000 156.96	9C-7.3728MAAJ-T
	7.680	887-1047-1-ND	.42 .37 .32	1,000 156.96	9C-7.680MAAJ-T
	8.000	887-1048-1-ND	.42 .37 .32	1,000 156.96	9C-8.000MAAJ-T
	8.192	887-1417-1-ND	.42 .37 .32	1,000 156.96	9C-8.192MAAJ-T
	8.912	887-1049-1-ND	.42 .37 .32	1,000 156.96	9C-8.912MAAJ-T
	10.000	887-1050-1-ND	.42 .37 .32	1,000 156.96	9C-10.000MAAJ-T
	11.0592	887-1051-1-ND	.42 .37 .32	1,000 156.96	9C-11.0592MAAJ-T
	11.2896	887-1052-1-ND	.42 .37 .32	1,000 156.96	9C-11.2896MAAJ-T
	12.000	887-1053-1-ND	.42 .37 .32	1,000 156.96	9C-12.000MAAJ-T
	12.288	887-1054-1-ND	.42 .37 .32	1,000 156.96	9C-12.288MAAJ-T
	13.560	887-1055-1-ND	.42 .37 .32	1,000 156.96	9C-13.560MAAJ-T
	14.31818	887-1056-1-ND	.42 .37 .32	1,000 156.96	9C-14.31818MAAJ-T
	14.7456	887-1057-1-ND	.42 .37 .32	1,000 156.96	9C-14.7456MAAJ-T
	15.360	887-1058-1-ND	.42 .37 .32	1,000 156.96	9C-15.360MAAJ-T
	16.000	887-1059-1-ND	.42 .37 .32	1,000 156.96	9C-16.000MAAJ-T
	16.384	887-1060-1-ND	.42 .37 .32	1,000 156.96	9C-16.384MAAJ-T
	18.432	887-1061-1-ND	.42 .37 .32	1,000 156.96	9C-18.432MAAJ-T
	19.200	887-1062-1-ND	.42 .37 .32	1,000 156.96	9C-19.200MAAJ-T
	20.000	887-1063-1-ND	.42 .37 .32	1,000 156.96	9C-20.000MAAJ-T
	22.000	887-1064-1-ND	.42 .37 .32	1,000 156.96	9C-22.000MAAJ-T
	22.1184	887-1065-1-ND	.42 .37 .32	1,000 156.96	9C-22.1184MAAJ-T
	24.000	887-1066-1-ND	.42 .37 .32	1,000 156.96	9C-24.000MAAJ-T
	24.576	887-1067-1-ND	.42 .37 .32	1,000 156.96	9C-24.576MAAJ-T
	25.000	887-1068-1-ND	.42 .37 .32	1,000 156.96	9C-25.000MAAJ-T
	26.000	887-1069-1-ND	.42 .37 .32	1,000 156.96	9C-26.000MAAJ-T
	27.000	887-1070-1-ND	.42 .37 .32	1,000 156.96	9C-27.000MAAJ-T
	28.63636	887-1071-1-ND	.42 .37 .32	1,000 156.96	9C-28.63636MAAJ-T
	30.000	887-1072-1-ND	.42 .37 .32	1,000 156.96	9C-30.000MAAJ-T
	35.328	887-1073-1-ND	.42 .37 .32	1,000 156.96	9C-35.328MAAJ-T
	36.000	887-1074-1-ND	.42 .37 .32	1,000 156.96	9C-36.000MAAJ-T
	48.000	887-1075-1-ND	.42 .37 .32	1,000 156.96	9C-48.000MAAJ-T
	50.000	887-1076-1-ND	.42 .37 .32	1,000 156.96	9C-50.000MAAJ-T
	54.000	887-1077-1-ND	.54 .47 .42	1,000 201.80	9C-54.000MAAJ-T
	60.000	887-1078-1-ND	.54 .47 .42	1,000 201.80	9C-60.000MAAJ-T
	64.000	887-1079-1-ND	.54 .47 .42	1,000 201.80	9C-64.000MAAJ-T

Fig.	Freq. (MHz)	Digi-Key Part No.	Cut Tape Price Each Qty.	Tape and Reel Pricing	TXC Part No.	
9C-XXXXMEEJ-T Series						
1	8.000	887-1263-1-ND	.54 .47 .42	1,000 201.80	9C-8.000MEEJ-T	
	8.192	887-1264-1-ND	.54 .47 .42	1,000 201.80	9C-8.192MEEJ-T	
	10.000	887-1265-1-ND	.54 .47 .42	1,000 201.80	9C-10.000MEEJ-T	
	11.0592	887-1266-1-ND	.54 .47 .42	1,000 201.80	9C-11.0592MEEJ-T	
	11.2896	887-1267-1-ND	.54 .47 .42	1,000 201.80	9C-11.2896MEEJ-T	
	12.000	887-1268-1-ND	.54 .47 .42	1,000 201.80	9C-12.000MEEJ-T	
	12.288	887-1269-1-ND	.54 .47 .42	1,000 201.80	9C-12.288MEEJ-T	
	13.560	887-1270-1-ND	.54 .47 .42	1,000 201.80	9C-13.560MEEJ-T	
	14.31818	887-1271-1-ND	.54 .47 .42	1,000 201.80	9C-14.31818MEEJ-T	
	14.7456	887-1272-1-ND	.54 .47 .42	1,000 201.80	9C-14.7456MEEJ-T	
	15.360	887-1273-1-ND	.54 .47 .42	1,000 201.80	9C-15.360MEEJ-T	
	16.000	887-1274-1-ND	.54 .47 .42	1,000 201.80	9C-16.000MEEJ-T	
	16.384	887-1275-1-ND	.54 .47 .42	1,000 201.80	9C-16.384MEEJ-T	
	18.432	887-1276-1-ND	.54 .47 .42	1,000 201.80	9C-18.432MEEJ-T	
	19.200	887-1277-1-ND	.54 .47 .42	1,000 201.80	9C-19.200MEEJ-T	
	20.000	887-1278-1-ND	.54 .47 .42	1,000 201.80	9C-20.000MEEJ-T	
	22.000	887-1279-1-ND	.54 .47 .42	1,000 201.80	9C-22.000MEEJ-T	
	22.1184	887-1280-1-ND	.54 .47 .42	1,000 201.80	9C-22.1184MEEJ-T	
	24.000	887-1281-1-ND	.54 .47 .42	1,000 201.80	9C-24.000MEEJ-T	
	24.576	887-1282-1-ND	.54 .47 .42	1,000 201.80	9C-24.576MEEJ-T	
	25.000	887-1283-1-ND	.54 .47 .42	1,000 201.80	9C-25.000MEEJ-T	
	26.000	887-1284-1-ND	.54 .47 .42	1,000 201.80	9C-26.000MEEJ-T	
	27.000	887-1285-1-ND	.54 .47 .42	1,000 201.80	9C-27.000MEEJ-T	
	28.63636	887-1286-1-ND	.54 .47 .42	1,000 201.80	9C-28.63636MEEJ-T	
	30.000	887-1287-1-ND	.54 .47 .42	1,000 201.80	9C-30.000MEEJ-T	
35.328	887-1288-1-ND	.66 .58 .51	1,000 246.65	9C-35.328MEEJ-T		
36.000	887-1289-1-ND	.66 .58 .51	1,000 246.65	9C-36.000MEEJ-T		
48.000	887-1290-1-ND	.66 .58 .51	1,000 246.65	9C-48.000MEEJ-T		
50.000	887-1291-1-ND	.66 .58 .51	1,000 246.65	9C-50.000MEEJ-T		
7A-XXXXMAAJ-T Series						
2	10.000	887-1080-1-ND	.75 .66 .58	1,000 280.28	7A-10.000MAAJ-T	
	12.000	887-1081-1-ND	.75 .66 .58	1,000 280.28	7A-12.000MAAJ-T	
	12.288	887-1082-1-ND	.75 .66 .58	1,000 280.28	7A-12.288MAAJ-T	
	13.560	887-1083-1-ND	.75 .66 .58	1,000 280.28	7A-13.560MAAJ-T	
	14.31818	887-1084-1-ND	.75 .66 .58	1,000 280.28	7A-14.31818MAAJ-T	
	14.7456	887-1085-1-ND	.75 .66 .58	1,000 280.28	7A-14.7456MAAJ-T	
	16.000	887-1086-1-ND	.75 .66 .58	1,000 280.28	7A-16.000MAAJ-T	
	16.9344	887-1087-1-ND	.75 .66 .58	1,000 280.28	7A-16.9344MAAJ-T	
	18.432	887-1088-1-ND	.75 .66 .58	1,000 280.28	7A-18.432MAAJ-T	
	20.000	887-1089-1-ND	.75 .66 .58	1,000 280.28	7A-20.000MAAJ-T	
	22.1184	887-1418-1-ND	.75 .66 .58	1,000 280.28	7A-22.1184MAAJ-T	
	24.000	887-1090-1-ND	.75 .66 .58	1,000 280.28	7A-24.000MAAJ-T	
	24.576	887-1091-1-ND	.75 .66 .58	1,000 280.28	7A-24.576MAAJ-T	
	25.000	887-1092-1-ND	.75 .66 .58	1,000 280.28	7A-25.000MAAJ-T	
	27.000	887-1093-1-ND	.75 .66 .58	1,000 280.28	7A-27.000MAAJ-T	
	27.120	887-1419-1-ND	.75 .66 .58	1,000 280.28	7A-27.120MAAJ-T	
	28.63636	887-1094-1-ND	.75 .66 .58	1,000 280.28	7A-28.63636MAAJ-T	
	30.000	887-1095-1-ND	.75 .66 .58	1,000 280.28	7A-30.000MAAJ-T	
	36.000	887-1096-1-ND	.75 .66 .58	1,000 280.28	7A-36.000MAAJ-T	
	48.000	887-1097-1-ND	.75 .66 .58	1,000 280.28	7A-48.000MAAJ-T	
	7B-XXXXMAAJ-T Series					
	3	11.0592	887-1098-1-ND	.90 .79 .69	1,000 336.34	7B-11.0592MAAJ-T
		12.000	887-1099-1-ND	.90 .79 .69	1,000 336.34	7B-12.000MAAJ-T
		12.288	887-1100-1-ND	.90 .79 .69	1,000 336.34	7B-12.288MAAJ-T
		13.000	887-1101-1-ND	.90 .79 .69	1,000 336.34	7B-13.000MAAJ-T
13.560		887-1420-1-ND	.90 .79 .69	1,000 336.34	7B-13.560MAAJ-T	
14.31818		887-1102-1-ND	.90 .79 .69	1,000 336.34	7B-14.31818MAAJ-T	
14.7456		887-1103-1-ND	.90 .79 .69	1,000 336.34	7B-14.7456MAAJ-T	
16.000		887-1104-1-ND	.90 .79 .69	1,000 336.34	7B-16.000MAAJ-T	
16.384		887-1105-1-ND	.90 .79 .69	1,000 336.34	7B-16.384MAAJ-T	
16.9344		887-1106-1-ND	.90 .79 .69	1,000 336.34	7B-16.9344MAAJ-T	
18.432		887-1107-1-ND	.90 .79 .69	1,000 336.34	7B-18.432MAAJ-T	
19.200		887-1108-1-ND	.90 .79 .69	1,000 336.34	7B-19.200MAAJ-T	
20.000		887-1109-1-ND	.90 .79 .69	1,000 336.34	7B-20.000MAAJ-T	
24.000		887-1110-1-ND	.90 .79 .69	1,000 336.34	7B-24.000MAAJ-T	
24.576		887-1111-1-ND	.90 .79 .69	1,000 336.34	7B-24.576MAAJ-T	
25.000		887-1112-1-ND	.90 .79 .69	1,000 336.34	7B-25.000MAAJ-T	
26.000		887-1113-1-ND	.90 .79 .69	1,000 336.34	7B-26.000MAAJ-T	
27.000		887-1114-1-ND	.90 .79 .69	1,000 336.34	7B-27.000MAAJ-T	
27.120		887-1421-1-ND	.90 .79 .69	1,000 336.34	7B-27.120MAAJ-T	
28.63636		887-1115-1-ND	.90 .79 .69	1,000 336.34	7B-28.63636MAAJ-T	
30.000		887-1116-1-ND	.90 .79 .69	1,000 336.34	7B-30.000MAAJ-T	
32.000		887-1117-1-ND	.90 .79 .69	1,000 336.34	7B-32.000MAAJ-T	
36.000		887-1118-1-ND	.90 .79 .69	1,000 336.34	7B-36.000MAAJ-T	
40.000		887-1119-1-ND	.90 .79 .69	1,000 336.34	7B-40.000MAAJ-T	
48.000		887-1120-1-ND	.90 .79 .69			