



32.768kHz Tuning Fork Crystals

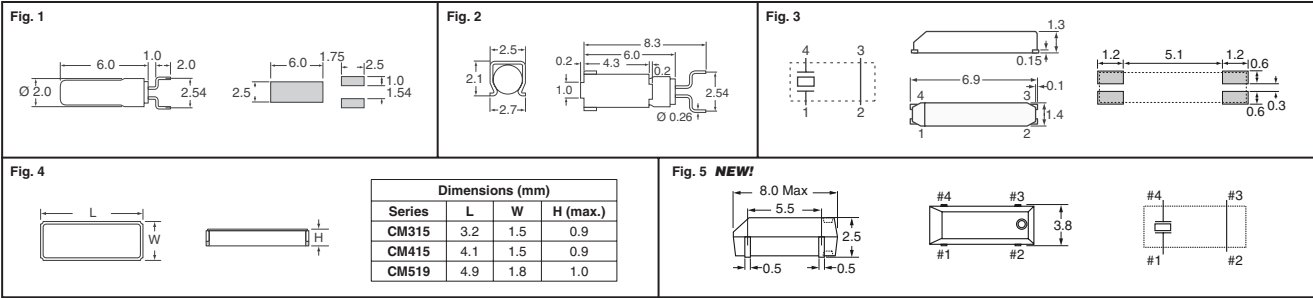
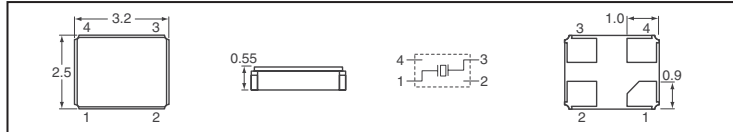


Fig.	Load Capacitance (pF)	Shunt Capacitance (pF)	Frequency Tolerance @ 25°C	Operating Temperature	ESR @ 25°C (Max.)	Digi-Key Part No.	Cut Tape Price Each			Digi-Key Part No.	Tape and Reel		Citizen Part No.	
							1	10	50		Qty.	Pricing		
Cylinder Type Tuning Fork Crystals — SMT														
1	6.0	1.35	±20ppm	-40°C ~ 85°C	50kΩ	300-8341-1-ND	.81	.70	.62	300-8341-2-ND	2,000	301.13/M	CMR200T-32.768KDZB-UT	
	7.0	1.35	±20ppm	-40°C ~ 85°C	50kΩ	300-8736-1-ND	.81	.70	.62	300-8736-2-ND	2,000	301.13/M	CMR200T-32.768KDZY-UT	
	12.5	1.35	±20ppm	-40°C ~ 85°C	50kΩ	300-8340-1-ND	.81	.70	.62	300-8340-2-ND	2,000	301.13/M	CMR200T-32.768KDZF-UT	
2	6.0	1.35	±20ppm	-40°C ~ 85°C	50kΩ	300-8664-1-ND	.99	.86	.75	300-8664-2-ND	3,000	354.91/M	CMJ206T-32.768KDZB-UT	
	7.0	1.35	±20ppm	-40°C ~ 85°C	50kΩ	300-8663-1-ND	.99	.86	.75	300-8663-2-ND	3,000	354.91/M	CMJ206T-32.768KDZF-UT	
	12.5	1.35	±20ppm	-40°C ~ 85°C	50kΩ	300-8663-1-ND	.99	.86	.75	300-8663-2-ND	3,000	354.91/M	CMJ206T-32.768KDZF-UT	
Tuning Fork Crystals — SMT														
3	12.5	1.20	±20ppm	-40°C ~ 85°C	65kΩ	300-8633-1-ND	1.53	1.32	1.16	300-8633-2-ND	3,000	548.49/M	CM130-32.768KDZF-UT	
	12.5	1.05	±10ppm	-40°C ~ 85°C	70kΩ	300-8751-1-ND NEW!	3.36	2.92	2.56	300-8751-2-ND NEW!	3,000	1209.90/M	CM315-32.768KEZF-UT	
	7.0	1.05	±20ppm	-40°C ~ 85°C	70kΩ	300-8730-1-ND	2.92	2.53	2.22	300-8730-2-ND	3,000	1048.58/M	CM315-32.768KDZF-UT	
4	9.0	1.05	±20ppm	-40°C ~ 85°C	70kΩ	300-8729-1-ND	2.92	2.53	2.22	300-8729-2-ND	3,000	1048.58/M	CM315-32.768DZC-UT	
	12.5	1.05	±20ppm	-40°C ~ 85°C	70kΩ	300-8728-1-ND	2.92	2.53	2.22	300-8728-2-ND	3,000	1048.58/M	CM315-32.768KDZF-UT	
	12.5	1.05	±10ppm	-40°C ~ 85°C	70kΩ	300-8750-1-ND NEW!	2.92	2.53	2.22	300-8750-2-ND NEW!	3,000	1048.58/M	CM415-32.768KEZF-UT	
	7.0	1.05	±20ppm	-40°C ~ 85°C	70kΩ	300-8732-1-ND	2.46	2.14	1.88	300-8732-2-ND	3,000	887.26/M	CM415-32.768KDZY-UT	
	9.0	1.05	±20ppm	-40°C ~ 85°C	70kΩ	300-8731-1-ND	2.46	2.14	1.88	300-8731-2-ND	3,000	887.26/M	CM415-32.768DZC-UT	
	12.5	1.05	±20ppm	-40°C ~ 85°C	70kΩ	300-8193-1-ND	2.46	2.14	1.88	300-8193-2-ND	3,000	887.26/M	CM415-32.768KDF-UT	
	12.5	1.33	±10ppm	-40°C ~ 85°C	70kΩ	300-8749-1-ND NEW!	2.46	2.14	1.88	300-8749-2-ND NEW!	3,000	887.26/M	CM519-32.768KEZF-UT	
	7.0	1.33	±20ppm	-40°C ~ 85°C	70kΩ	300-8734-1-ND	2.02	1.75	1.54	300-8734-2-ND	3,000	725.94/M	CM519-32.768KDZY-UT	
	9.0	1.33	±20ppm	-40°C ~ 85°C	70kΩ	300-8733-1-ND	2.02	1.75	1.54	300-8733-2-ND	3,000	725.94/M	CM519-32.768DZC-UT	
	12.5	1.35	±20ppm	-40°C ~ 85°C	70kΩ	300-8194-1-ND	2.02	1.75	1.54	300-8194-2-ND	3,000	725.94/M	CM519-32.768KDZF-UT	
	5	12.5	1.35	±20ppm	-40°C ~ 85°C	50kΩ	300-8742-1-ND NEW!	1.57	1.36	1.20	300-8742-2-ND NEW!	3,000	564.62/M	CM200C-32.768KHZF-UT
		12.5	1.35	±10ppm	-40°C ~ 85°C	50kΩ	300-8741-1-ND NEW!	1.25	1.09	.96	300-8741-2-ND NEW!	3,000	451.70/M	CM200C-32.768KEZF-UT
6.0		1.35	±20ppm	-40°C ~ 85°C	50kΩ	300-8739-1-ND NEW!	1.08	.94	.82	300-8739-2-ND NEW!	3,000	387.17/M	CM200C-32.768KDZB-UT	
	12.5	1.35	±20ppm	-40°C ~ 85°C	50kΩ	300-8740-1-ND NEW!	1.08	.94	.82	300-8740-2-ND NEW!	3,000	387.17/M	CM200C-32.768KDZF-UT	
	12.5	1.35	±30ppm	-40°C ~ 85°C	50kΩ	300-8738-1-ND NEW!	.90	.78	.69	300-8738-2-ND NEW!	3,000	322.64/M	CM200C-32.768KAZF-UT	

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CS325 and CS325H Series SMT Crystals



Specifications:

- Operating Temperature Range: -40°C ~ 85°C • Storage Temperature Range: -55°C ~ 125°C
- Shunt Capacitance: 5.0pF Maximum • Drive Level: 10µW (100µW Maximum) • Insulation Resistance: 500MΩ Minimum

Frequency (MHz)	Frequency Tolerance @ 25°C	Frequency Stability (-10°C ~ 60°C)	Load Capacitance	Digi-Key Part No.	Cut Tape Price Each			Digi-Key Part No.	Tape and Reel Pricing 3,000	Citizen Part No.
					1	10	50			
CS325 Series										
12.000	±30ppm	±50ppm	18pF	300-8766-1-ND NEW!	2.46	2.14	1.88	300-8766-2-ND NEW!	887.26/M	CS325-12.000MABJ-UT
13.000	±30ppm	±50ppm	18pF	300-8665-1-ND	2.46	2.14	1.88	300-8665-2-ND	887.26/M	CS325-13.000MABJ-UT
13.560	±30ppm	±50ppm	18pF	300-8666-1-ND	2.46	2.14	1.88	300-8666-2-ND	887.26/M	CS325-13.560MABJ-UT
14.31818	±30ppm	±50ppm	18pF	300-8667-1-ND	2.46	2.14	1.88	300-8667-2-ND	887.26/M	CS325-14.31818MABJ-UT
16.000	±30ppm	±50ppm	18pF	300-8668-1-ND	2.46	2.14	1.88	300-8668-2-ND	887.26/M	CS325-16.000MABJ-UT
16.3840	±30ppm	±50ppm	18pF	300-8669-1-ND	1.80	1.55	1.32	300-8669-2-ND	821.54/M	CS325-16.384MABJ-UT
18.4320	±30ppm	±50ppm	18pF	300-8670-1-ND	2.46	2.14	1.88	300-8670-2-ND	887.26/M	CS325-18.432MABJ-UT
18.9375	±30ppm	±50ppm	18pF	300-8767-1-ND NEW!	2.46	2.14	1.88	300-8767-2-ND NEW!	887.26/M	CS325-18.9375MABJ-UT
19.069928	±30ppm	±50ppm	18pF	300-8768-1-ND NEW!	2.46	2.14	1.88	300-8768-2-ND NEW!	887.26/M	CS325-19.069928MABJ-UT
19.2000	±30ppm	±50ppm	18pF	300-8671-1-ND	2.46	2.14	1.88	300-8671-2-ND	887.26/M	CS325-19.200MABJ-UT
20.500	±30ppm	±50ppm	18pF	300-8769-1-ND NEW!	2.31	2.01	1.76	300-8769-2-ND NEW!	833.21/M	CS325-20.500MABJ-UT
24.0000	±30ppm	±50ppm	18pF	300-8672-1-ND	2.31	2.01	1.76	300-8672-2-ND	833.21/M	CS325-24.000MABJ-UT
24.500	±30ppm	±50ppm	18pF	300-8770-1-ND NEW!	2.31	2.01	1.76	300-8770-2-ND NEW!	833.21/M	CS325-24.500MABJ-UT
24.5760	±30ppm	±50ppm	18pF	300-8673-1-ND	2.31	2.01	1.76	300-8673-2-ND	833.21/M	CS325-24.576MABJ-UT
24.975	±30ppm	±50ppm	18pF	300-8771-1-ND NEW!	2.31	2.01	1.76	300-8771-2-ND NEW!	833.21/M	CS325-24.975MABJ-UT
25.0000	±30ppm	±50ppm	18pF	300-8674-1-ND	2.31	2.01	1.76	300-8674-2-ND	833.21/M	CS325-25.000MABJ-UT
26.0000	±30ppm	±50ppm	18pF	300-8675-1-ND	2.31	2.01	1.76	300-8675-2-ND	833.21/M	CS325-26.000MABJ-UT
26.650	±30ppm	±50ppm	18pF	300-8772-1-ND NEW!	2.31	2.01	1.76	300-8772-2-ND NEW!	833.21/M	CS325-26.650MABJ-UT
27.0000	±30ppm	±50ppm	18pF	300-8676-1-ND	2.31	2.01	1.76	300-8676-2-ND	833.21/M	CS325-27.000MABJ-UT
27.120	±30ppm	±50ppm	18pF	300-8773-1-ND NEW!	2.31	2.01	1.76	300-8773-2-ND NEW!	833.21/M	CS325-27.120MABJ-UT
28.6363	±30ppm	±50ppm	18pF	300-8677-1-ND	2.31	2.01	1.76	300-8677-2-ND	833.21/M	CS325-28.6363MABJ-UT
29.4912	±30ppm	±50ppm	18pF	300-8774-1-ND NEW!	2.31	2.01	1.76	300-8774-2-ND NEW!	833.21/M	CS325-29.4912MABJ-UT
30.0000	±30ppm	±50ppm	18pF	300-8678-1-ND	2.31	2.01	1.76	300-8678-2-ND	833.21/M	CS325-30.000MABJ-UT
32.0000	±30ppm	±50ppm	18pF	300-8679-1-ND	2.31	2.01	1.76	300-8679-2-ND	833.21/M	CS325-32.000MABJ-UT
33.0000	±30ppm	±50ppm	18pF	300-8680-1-ND	1.69	1.46	1.24	300-8680-2-ND	771.49/M	CS325-33.000MABJ-UT
33.3333	±30ppm	±50ppm	18pF	300-8681-1-ND	2.31	2.01	1.76	300-8681-2-ND	833.21/M	CS325-33.3333MABJ-UT
37.050	±30ppm	±50ppm	18pF	300-8775-1-ND NEW!	2.31	2.01	1.76	300-8775-2-ND NEW!	833.21/M	CS325-37.050MABJ-UT
40.0000	±30ppm	±50ppm	18pF	300-8682-1-ND	1.69	1.46	1.24	300-8682-2-ND	771.49/M	CS325-40.000MABJ-UT
44.0000	±30ppm	±50ppm	18pF	300-8683-1-ND	1.69	1.46	1.24	300-8683-2-ND	771.49/M	CS325-44.000MABJ-UT
48.0000	±30ppm	±50ppm	18pF	300-8684-1-ND	1.69	1.46	1.24	300-8684-2-ND	771.49/M	CS325-48.000MABJ-UT
52.000	±30ppm	±50ppm	18pF	300-8776-1-ND NEW!	2.31	2.01	1.76	300-8776-2-ND NEW!	833.21/M	CS325-52.000MABJ-UT
53.1250	±30ppm	±50ppm	18pF	300-8685-1-ND	1.69	1.46	1.24	300-8685-2-ND	771.49/M	CS325-53.125MABJ-UT
NEW! CS325H Series NEW!										
24.000	±10ppm	±20ppm	10pF	300-8752-1-ND	2.75	2.36	1.97	300-8752-2-ND	1060.44/M	CS325H-24.000MEDQ-UT
25.000	±10ppm	±20ppm	10pF	300-8753-1-ND	2.75	2.36	1.97	300-8753-2-ND	1060.44/M	CS325H-25.000MEDQ-UT
26.000	±10ppm	±20ppm	10pF	300-8754-1-ND	2.75	2.36	1.97	300-8754-2-ND	1060.44/M	CS325H-26.000MEDQ-UT
27.000	±10ppm	±20ppm	10pF	300-8755-1-ND	2.75	2.36	1.97	300-8755-2-ND	1060.44/M	CS325H-27.000MEDQ-UT
28.63636	±10ppm	±20ppm	10pF	300-8756-1-ND	2.75	2.36	1.97	300-8756-2-ND	1060.44/M	CS325H-28.63636MEDQ-UT
32.000	±10ppm	±20ppm	10pF	300-8757-1-ND	2.75	2.36	1.97	300-8757-2-ND	1060.44/M	CS325H-32.000MEDQ-UT
33.000	±10ppm	±20ppm	10pF	300-8758-1-ND	2.75	2.36	1.97	300-8758-2-ND	1060.44/M	CS325H-33.000MEDQ-UT
40.000	±10ppm	±20ppm	10pF	300-8759-1-ND	2.75	2.36	1.97	300-8759-2-ND	1060.44/M	CS325H-40.000MEDQ-UT
44.000	±10ppm	±20ppm	10pF	300-8760-1-ND	2.75	2.36				