

CM309S SERIES PLASTIC SMD CRYSTALS 4.6 X 12.5

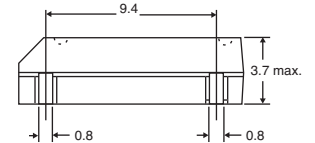
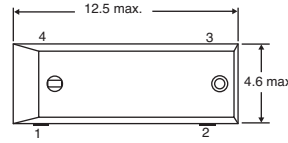
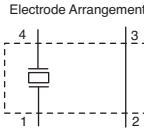
Specifications:

- Operating Temperature: -40°C to +85°C
- Frequency Tolerance: ±30ppm
- Load Capacitance: 18.0pF Typ
- Insulation Resistance: 500MQ Min.

Features:

- Heat resistant
- Plastic encased cylinder type AT-cut crystal
- Reflow solderable
- Suitable for automatic insertion

RoHS Compliant



For quantities of 5,000 and up, call for quote.

MOUSER STOCK NO.	Citizen Part Number	Frequency (MHz)	Price Each					
			1	10	50	100	1000	2000
695-CM309S-357-U	CM309S3.579545MABJUT	3.579545	1.26	1.03	.90	.81	.65	.58
695-CM309S-368-U	CM309S3.6864MABJUT	3.686400	1.26	1.03	.90	.81	.65	.58
695-CM309S-4-U	CM309S4.000MABJUT	4.000000	1.26	1.03	.90	.81	.65	.58
695-CM309S-491-U	CM309S4.9152MABJUT	4.915200	1.26	1.03	.90	.81	.65	.58
695-CM309S-6-U	CM309S6.000MABJUT	6.000000	1.26	1.03	.90	.81	.65	.58
695-CM309S-614-U	CM309S6.144MABJUT	6.144000	1.26	1.03	.90	.81	.65	.58
695-CM309S-737-U	CM309S7.3728MABJUT	7.372800	1.26	1.03	.90	.81	.65	.58
695-CM309S-8-U	CM309S8.000MABJUT	8.000000	1.26	1.03	.90	.81	.65	.58
695-CM309S-10-U	CM309S10.000MABJUT	10.000000	1.26	1.03	.90	.81	.65	.58

For quantities of 5,000 and up, call for quote.

MOUSER STOCK NO.	Citizen Part Number	Frequency (MHz)	Price Each					
			1	10	50	100	1000	2000
695-CM309S-110-U	CM309S11.0592MABJUT	11.059200	1.26	1.03	.90	.81	.65	.58
695-CM309S-12-U	CM309S12.000MABJUT	12.000000	1.26	1.03	.90	.81	.65	.58
695-CM309S-143-U	CM309S14.31818MABJUT	14.318180	1.26	1.03	.90	.81	.65	.58
695-CM309S-147-U	CM309S14.7456MABJUT	14.745600	1.26	1.03	.90	.81	.65	.58
695-CM309S-16-U	CM309S16.000MABJUT	16.000000	1.26	1.03	.90	.81	.65	.58
695-CM309S-20-U	CM309S20.000MABJUT	20.000000	1.26	1.03	.90	.81	.65	.58
695-CM309S-245-U	CM309S24.576MABJUT	24.576000	1.26	1.03	.90	.81	.65	.58
695-CM309S-25-U	CM309S25.000MABJUT	25.000000	1.26	1.03	.90	.81	.65	.58
695-CM309S-327-U	CM309S32.768MABJUT	32.768000	1.26	1.03	.90	.81	.65	.58

CM130 SERIES 32.768 KHZ PLASTIC SMD CRYSTALS 1.4 X 6.9

Specifications:

- Operating Temperature: -40°C to +85°C
- Frequency Tolerance: ±20ppm

For quantities of 6,000 and up, call for quote.

MOUSER STOCK NO.	Citizen Part Number	Fig.	Freq. (KHz)	L.C. (pF)	Price Each					
					1	10	50	100	1000	3000
695-CM130-327K-U	CM13032.768KDZFR-UT	A	32.768	6.0	.94	.76	.68	.66	.64	.61

CM200S SERIES 32.768 KHZ PLASTIC SMD CRYSTALS 3.8 X 8

Specifications:

- Operating Temperature: -40°C to +85°C
- Frequency Tolerance: ±20ppm

For quantities of 6,000 and up, call for quote.

MOUSER STOCK NO.	Citizen Part Number	Fig.	Freq. (KHz)	L.C. (pF)	Price Each					
					1	10	50	100	1000	3000
695-CM200S-327KF-U	CM200S32.768KDZF-UT	B	32.768	12.5	.84	.72	.54	.48	.45	.42
695-CM200S-327K-U	CM200S32.768KDZB-UT	B	32.768	6.0	.84	.72	.54	.48	.45	.42

CM250S SERIES KHZ RANGE SMD CRYSTALS 3.8 X 8

Specifications:

- Operating Temperature: -40°C to +85°C
- Frequency Tolerance: ±30ppm
- Nominal Frequency: 32KHz ~ 100KHz
- Load Capacitance: 12.5pF Typ

For quantities of 6,000 and up, call for quote.

MOUSER STOCK NO.	Citizen Part Number	Fig.	Freq. (KHz)	L.C. (pF)	Price Each					
					1	10	50	100	1000	2000
695-CM250S-32K-U	CM250S32.000KAZF-UT	B	32	12.5	1.38	1.12	1.00	.88	.78	.75
695-CM250S-36K-U	CM250S36.000KAZF-UT	B	36	12.5	1.38	1.12	1.00	.88	.78	.75
695-CM250S-38.4K-U	CM250S38.400KAZF-UT	B	38.4	12.5	1.38	1.12	1.00	.88	.78	.75
695-CM250S-40K-U	CM250S40.000KAZF-UT	B	40	12.5	1.38	1.12	1.00	.88	.78	.75
695-CM250S-60K-U	CM250S60.000KAZF-UT	B	60	12.5	1.38	1.12	1.00	.88	.78	.75
695-CM250S-76.8K-U	CM250S76.800KAZF-UT	B	76.8	12.5	1.38	1.12	1.00	.88	.78	.75
695-CM250S-96K-U	CM250S96.000KAZF-UT	B	96	12.5	1.38	1.12	1.00	.88	.78	.75
695-CM250S-100K-U	CM250S100.000KAZF-UT	B	100	12.5	1.38	1.12	1.00	.88	.78	.75

CMR200T SERIES 32.768 KHZ REFLOWABLE CRYSTALS

Specifications:

- Operating Temperature: -40°C to +85°C
- Frequency Tolerance: ±20ppm
- Nominal Frequency: 32.768KHz
- Load Capacitance: 6, 7, 12.5pF

For quantities of 6,000 and up, call for quote.

MOUSER STOCK NO.	Citizen Part Number	Fig.	Freq. (KHz)	L.C. (pF)	Price Each					
					1	10	50	100	1000	2000
695-CMR200TB-327K-U	CMR200TB32.768KDZF-UT	C	32.768		.71	.62	.57	.52	.38	.34
695-CMR200TB-327KD-U	CMR200TB32.768KDZB-UT	C	32.768		.63	.54	.40	.36	.28	.252

TUNING FORK CRYSTALS

Specifications:

- Operating Temperature: -40°C to +85°C
- Frequency Tolerance: ±20ppm
- Nominal Frequency: 32.768KHz
- Load Capacitance: 12.5pF Typ

For quantities of 6,000 and up, call for quote.

MOUSER STOCK NO.	Citizen Part Number	Fig.	Freq. (KHz)	L.C. (pF)	Price Each					
					1	10	50	100	1000	3000
695-CM315-32.768	CM315 32.768KDZF-UT	D	32.768	12.5	2.14	1.88	1.67	1.50	1.25	1.07
695-CM315-32.768C	CM315-32.768KDZC-UT	D	32.768	9	2.14	1.88	1.67	1.50	1.25	1.07
695-CM315-32.768Y	CM315-32.768KDZY-UT	D	32.768	7	2.14	1.88	1.67	1.50	1.25	1.07
695-CM41532.768KDZF	CM415 32.768KDZF-UT	D	32.768	12.5	1.71	1.50	1.33	1.20	1.00	.86
695-CM415-32.768KDZC	CM415-32.768KDZC-UT	D	32.768	9	1.71	1.50	1.33	1.20	1.00	.86
695-CM415-32.768KDZY	CM415-32.768KDZY-UT	D	32.768	7	1.71	1.50	1.33	1.20	1.00	.86
695-CM519-32.768	CM519 32.768KDZF-UT	D	32.768	12.5	1.58	1.35	1.01	.90	.83	.80
695-CM519-32.768C	CM519-32.768KDZC-UT	D	32.768	9	1.85	1.52	1.33	1.19	.96	.85
695-CM519-32.768Y	CM519-32.768KDZY-UT	D	32.768	7	1.85	1.52	1.33	1.19	.96	.85

DIMENSIONS: mm

A

B

C

D

MOUSER STOCK NO.	Dimensions					
	A	B	C	D	E	F
695-CM315-32.768	3.2 +/-0.1	1.5 +/-0.1	0.9 MAX	2.4	1.8	1.3
695-CM41532.768KDZF	4.1 +/-0.1	1.5 +/-0.1	0.9 MAX	3.3	2.7	1.3
695-CM519-32.768	4.9 +/-0.15	1.0 +/-0.15	1.0 MAX	3.95	3.2	1.6