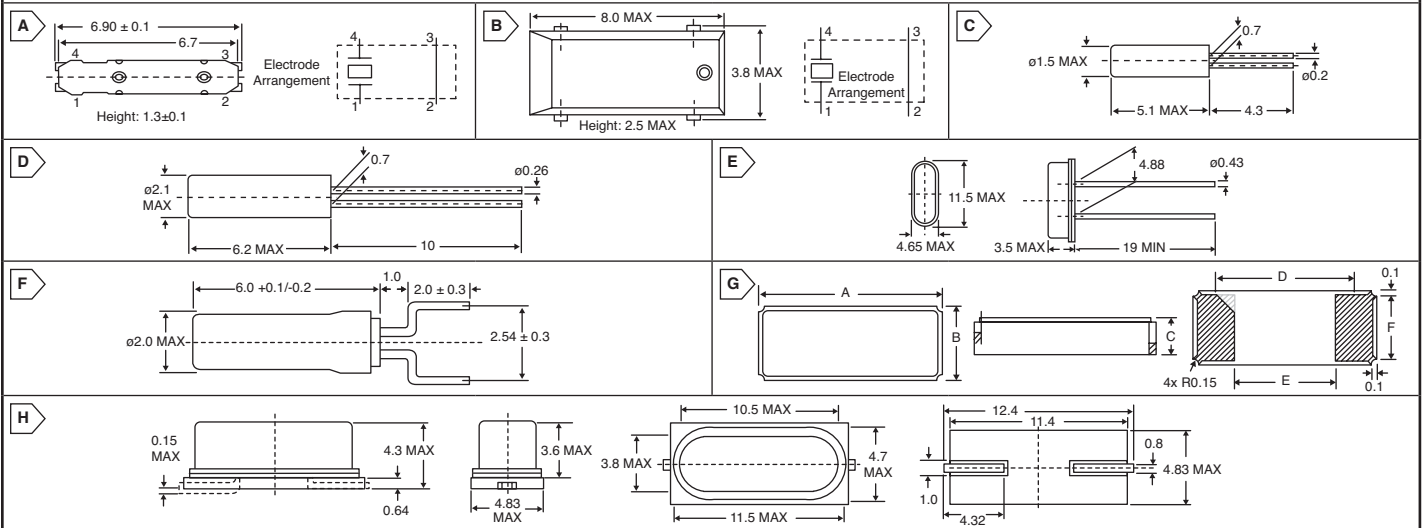


RoHS Compliant This product is RoHS compliant.

DIMENSIONS: mm



## CM130 SERIES 32.768 KHZ PLASTIC SMD CRYSTALS 1.4 X 6.9

For quantities greater than listed, call for quote.

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

## CM200C SERIES 32.768 KHZ PLASTIC SMD CRYSTALS 3.8 X 8

MOUSER STOCK NO.	Citizen Part No.	Fig.	Freq. (KHz)	L.C. (pF)	Price Each			
					1	10	50	100
695-CM200C-327K-U	CM200C32.768KDZF-UT	B	32.768	12.5	.63	.52	.45	.40
695-CM200C-327K-U	CM200C32.768KDZB-UT	B	32.768	6.0	.84	.72	.54	.45

## CFS/CFV SERIES KHZ RANGE CYLINDER CRYSTALS

### Specifications:

- Operating Temperature: -10°C to +60°C
- Load Capacitance: 12.5pF typ.; (CFS-145) 8.0pF typ.
- Freq. Tolerance: CFS ±20ppm, CFV ±30ppm
- Insulation Resistance: 500MΩ min.

MOUSER STOCK NO.	Citizen Part No.	Fig.	Freq. (KHz)	L.C. (pF)	Price Each			
					1	10	50	100
695-CFS145-327K-U	CFS145 32.768KDZF-UB	C	32.768	12.5	1.58	1.35	1.13	.90
695-CFV206-32K-U	CFV206 32.000KAZF-UB	D	32.000	12.5	1.00	.90	.65	.58
695-CFV206-38.4K-U	CFV206 38.400KAZF-UB	D	38.400	12.5	1.00	.90	.65	.58
695-CFV206-40K-U	CFV206 40.000KAZF-UB	D	40.000	12.5	1.00	.90	.65	.58
695-CFV206-75K-U	CFV206 75.000KAZF-UB	D	75.000	12.5	.82	.70	.60	.55
695-CFV206-76.8K-U	CFV206 76.800KAZF-UB	D	76.800	12.5	1.00	.90	.65	.58
695-CFV206-96K-U	CFV206 96.000KAZF-UB	D	96.000	12.5	1.00	.90	.65	.58
695-CFV206-100K-U	CFV206 100.000KAZF-UB	D	100.000	12.5	1.00	.90	.65	.58

## HC49US SERIES MHZ RANGE METAL CAN CRYSTALS

### Specifications:

- Operating Temperature: -20°C to +70°C
- Frequency Tolerance: ±30ppm
- Load Capacitance: 18.0pF typ.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Citizen Part No.	Fig.	Frequency (MHz)	Price Each		
				1	10	50
695-HC49US-357-U	HC49US3.579545MABJ-UB	E	3.579545	.58	.52	.448
695-HC49US-368-U	HC49US3.686400MABJ-UB	E	3.686400	.58	.52	.448
695-HC49US-4-U	HC49US4.000000MABJ-UB	E	4.000000	.58	.52	.448
695-HC49US-419-U	HC49US4.194304MABJ-UB	E	4.194304	.58	.52	.448
695-HC49US-491-U	HC49US4.915200MABJ-UB	E	4.915200	.58	.52	.448
695-HC49US-5-U	HC49US5.000000MABJ-UB	E	5.000000	.58	.52	.448
695-HC49US-6-U	HC49US6.000000MABJ-UB	E	6.000000	.58	.52	.448
695-HC49US-614-U	HC49US6.144000MABJ-UB	E	6.144000	.58	.52	.448
695-HC49US-617-U	HC49US6.176000MABJ-UB	E	6.176000	.58	.52	.448
695-HC49US-737-U	HC49US7.372800MABJ-UB	E	7.372800	.58	.52	.448
695-HC49US-8-U	HC49US8.000000MABJ-UB	E	8.000000	.58	.52	.448
695-HC49US-819-U	HC49US8.192000MABJ-UB	E	8.192000	.58	.52	.448
695-HC49US-983-U	HC49US9.830400MABJ-UB	E	9.830400	.58	.52	.448
695-HC49US-10-U	HC49US10.000000MABJ-UB	E	10.000000	.58	.52	.448
695-HC49US-110-U	HC49US11.059200MABJ-UB	E	11.059200	.58	.52	.448
695-HC49US-12-U	HC49US12.000000MABJ-UB	E	12.000000	.58	.52	.448
695-HC49US-122-U	HC49US12.288000MABJ-UB	E	12.288000	.58	.52	.448
695-HC49US-135-U	HC49US13.500000MABJ-UB	E	13.500000	.58	.52	.448
695-HC49US-143-U	HC49US14.318180MABJ-UB	E	14.318180	.58	.52	.448
695-HC49US-147-U	HC49US14.745600MABJ-UB	E	14.745600	.58	.52	.448
695-HC49US-153-U	HC49US15.360000MABJ-UB	E	15.360000	.58	.52	.448
695-HC49US-16-U	HC49US16.000000MABJ-UB	E	16.000000	.58	.52	.448
695-HC49US-18-U	HC49US18.000000MABJ-UB	E	18.000000	.58	.52	.448
695-HC49US-196-U	HC49US19.660800MABJ-UB	E	19.660800	.58	.52	.448
695-HC49US-20-U	HC49US20.000000MABJ-UB	E	20.000000	.58	.52	.448
695-HC49US-214-U	HC49US21.477200MABJ-UB	E	21.477200	.58	.52	.448
695-HC49US-221-U	HC49US22.118400MABJ-UB	E	22.118400	.58	.52	.448
695-HC49US-24-U	HC49US24.000000MABJ-UB	E	24.000000	.58	.52	.448
695-HC49US-245-U	HC49US24.576000MABJ-UB	E	24.576000	.58	.52	.448
695-HC49US-25-U	HC49US25.000000MABJ-UB	E	25.000000	.58	.52	.448
695-HC49US-27-U	HC49US27.000000MABJ-UB	E	27.000000	.58	.52	.448
695-HC49US-282-U	HC49US28.224000MABJ-UB	E	28.224000	.58	.52	.448
695-HC49US-338-U	HC49US33.868800MABJ-UB	E	33.868800	.58	.52	.448
695-HC49US-40-U	HC49US40.000000MABJ-UB	E	40.000000	.58	.52	.448
695-HC49US-49.1-U	HC49US49.152000MABJ-UB	E	49.152000	.58	.52	.448
695-HC49US-50M-U	HC49US50.000000MABJ-UB	E	50.000000	.58	.52	.448

## CMR200T SERIES 32.768 KHZ REFLOWABLE CRYSTALS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Citizen Part No.	Fig.	Freq. (KHz)	Price Each			
				1	10	50	100
695-CMR200TB-327K-U	CMR200TB32.768KDZF-UT	F	32.768	.71	.62	.57	.52
695-CMR200TB-327K-U	CMR200TB32.768KDZB-UT	F	32.768	.63	.54	.40	.36

## TUNING FORK CRYSTALS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Citizen Part No.	Fig.	Freq. (KHz)	L.C. (pF)	Price Each			
					1	10	50	100
Dimensions: (A) 3.2±0.1 (B) 1.5±0.1 (C) 0.9 Max. (D) 2.4 (E) 1.8 (F) 1.3								
695-CM315-32.768	CM315 32.768KDZF-UT	G	32.768	12.5	2.14	1.88	1.67	1.46
695-CM315-32.768C	CM315-32.768KDZC-UT	G	32.768	9	2.14	1.88	1.67	1.50
695-CM315-32.768Y	CM315-32.768KDZY-UT	G	32.768	7	2.14	1.88	1.67	1.50
Dimensions: (A) 4.1±0.1 (B) 1.5±0.1 (C) 0.9 Max. (D) 3.3 (E) 2.7 (F) 1.3								
695-CM415-32.768KDZF	CM415 32.768KDZF-UT	G	32.768	12.5	1.71	1.50	1.33	1.20
695-CM415-32.768KDZC	CM415-32.768KDZC-UT	G	32.768	9	1.71	1.50	1.33	1.20
Dimensions: (A) 4.9±0.15 (B) 1.0±0.15 (C) 1.0 Max. (D) 3.95 (E) 3.2 (F) 1.6								
695-CM519-32.768	CM519 32.768KDZF-UT	G	32.768	12.5	1.12	.96	.718	.64
695-CM519-32.768Y	CM519-32.768KDZY-UT	G	32.768	7	1.85	1.52	1.33	1.19

## HCM49 SERIES MHZ METAL CAN SMD CRYSTALS HC49SM 4.7 X 11.5

### Specifications:

- Operating Temperature: -40°C to +85°C
- Load Capacitance: 18.0pF typ.
- Shock Resistance: ±10ppm max.
- Frequency Tolerance: ±30ppm
- Aging (First year): ±5ppm max.
- Insulation Resistance: 500MΩ min.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Citizen Part No.	Fig.	Frequency (MHz)	Price Each		
				1	10	50
695-HCM49-357-U	HCM493.579545MABJ-UT	H	3.579545	.75	.65	.56
695-HCM49-368-U	HCM493.686400MABJ-UT	H	3.686400	.75	.65	.56
695-HCM49-4-U	HCM494.000000MABJ-UT	H	4.000000	.75	.65	.56
695-HCM49-409-U	HCM494.096000MABJ-UT	H	4.096000	.75	.65	.56
695-HCM49-419-U	HCM494.194304MABJ-UT	H	4.194304	.82	.71	.61
695-HCM49-491-U	HCM494.915200MABJ-UT	H	4.915200	.75	.65	.56
695-HCM49-5-U	HCM495.000000MABJ-UT	H	5.000000	.75	.65	.56
695-HCM49-6-U	HCM496.000000MABJ-UT	H	6.000000	.75	.65	.56
695-HCM49-819-U	HCM498.192000MABJ-UT	H	8.192000	.75	.65	.56
695-HCM49-9-U	HCM499.000000MABJ-UT	H	9.000000	.75	.65	.56
695-HCM49-983-U	HCM499.830400MABJ-UT	H	9.830400	.75	.65	.56
695-HCM49-10-U	HCM4910.000000MABJ-UT	H	10.000000	.75	.65	.56
695-HCM49-102-U	HCM4910.240000MABJ-UT	H	10.240000	.75	.65	.56
695-HCM49-110-U	HCM4911.059200MABJ-UT	H	11.059200	.75	.65	.56
695-HCM49-12-U	HCM4912.000000MABJ-UT	H	12.000000	.75	.65	.56
695-HCM49-122-U	HCM4912.288000MABJ-UT	H	12.288000	.75	.65	.56
695-HCM49-143-U	HCM4914.318180MABJ-UT	H	14.318180	.75	.65	.56
695-HCM49-147-U	HCM4914.745600MABJ-UT	H	14.745600	.75	.65	.56
695-HCM49-15-U	HCM4915.000000MABJ-UT	H	15.000000	.75	.65	.56
695-HCM49-16-U	HCM4916.000000MABJ-UT	H	16.000000	.75	.65	.56
695-HCM49-163-U	HCM4916.384000MABJ-UT	H	16.384000	.75	.65	.56
695-HCM49-177-U	HCM4917.734475MABJ-UT	H	17.734475	.75	.65	.56
695-HCM49-184-U	HCM4918.432000MABJ-UT	H	18.432000	.75	.65	.56
695-HCM49-196-U	HCM4919.660800MABJ-UT	H	19.660800	.75	.65	.56
695-HCM49-20-U	HCM4920.000000MABJ-UT	H	20.000000	.75	.65	.56
695-HCM49-221-U	HCM4922.118400MABJ-UT	H	22.118400	.75	.65	.56
695-HCM49-24-U	HCM4924.000000MABJ-UT	H	24.000000	.67	.585	.504
695-HCM49-245-U	HCM4924.576000MABJ-UT	H	24.576000	.75	.65	.56
695-HCM49-25-U	HCM4925.000000MABJ-UT	H	25.000000	.75	.65	.56
695-HCM49-27-U	HCM4927.000000MABJ-UT	H	27.000000	.75	.65	.56
695-HCM49-32-U	HCM4932.000000MABJ-UT	H	32.000000	.75	.65	.56
695-HCM49-48-U	HCM4948.000000MABJ-UT	H	48.000000	.75	.65	.56
695-HCM49-49-U	HCM4949.152000MABJ-UT	H	49.152000	.75	.65	.56