

# CITIZEN SMD Programmable, XO and VCXO Oscillators CITIZEN

## CITIZEN CM309S SERIES PLASTIC SMD CRYSTALS 4.6 X 12.5

RoHS Compliant This product is RoHS compliant.

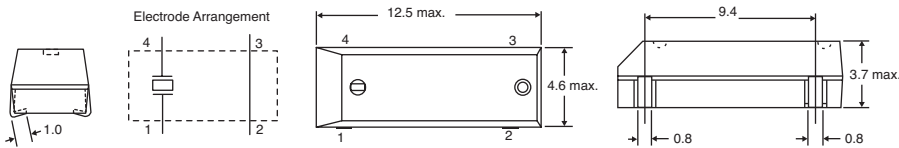
**Specifications:**

- Operating Temperature: -40°C to +85°C
- Frequency Tolerance: ±30ppm
- Load Capacitance: 18.0pF typ.
- Insulation Resistance: 500MΩ min.

**Features:**

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

RoHS Compliant



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Citizen Part No.	Frequency (MHz)	Price Each					
			1	10	50	100	2000	
695-CM309S-357-U	CM309S3.579545MABJUT	3.579545	1.26	1.03	.90	.765	.476	.451
695-CM309S-368-U	CM309S3.6864MABJUT	3.686400	1.26	1.03	.90	.765	.476	.451
695-CM309S-4-U	CM309S4.000MABJUT	4.000000	1.26	1.03	.90	.765	.476	.451
695-CM309S-491-U	CM309S4.9152MABJUT	4.915200	1.26	1.03	.90	.765	.476	.451
695-CM309S-6-U	CM309S6.000MABJUT	6.000000	1.26	1.03	.90	.765	.476	.451
695-CM309S-614-U	CM309S6.144MABJUT	6.144000	1.26	1.03	.90	.765	.476	.451
695-CM309S-737-U	CM309S7.3728MABJUT	7.372800	1.26	1.03	.90	.765	.476	.451
695-CM309S-8-U	CM309S8.000MABJUT	8.000000	1.26	1.03	.90	.765	.476	.451
695-CM309S-10-U	CM309S10.000MABJUT	10.000000	1.26	1.03	.90	.765	.476	.451

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MOUSER STOCK NO.	Citizen Part No.	Frequency (MHz)	Price Each					
			1	10	50	100	2000	
695-CM309S-110-U	CM309S11.0592MABJUT	11.059200	1.26	1.03	.90	.765	.476	.451
695-CM309S-12-U	CM309S12.000MABJUT	12.000000	1.26	1.03	.90	.765	.476	.451
695-CM309S-143-U	CM309S14.31818MABJUT	14.318180	1.26	1.03	.90	.765	.476	.451
695-CM309S-147-U	CM309S14.7456MABJUT	14.745600	1.26	1.03	.90	.765	.476	.451
695-CM309S-16-U	CM309S16.000MABJUT	16.000000	1.26	1.03	.90	.765	.476	.451
695-CM309S-20-U	CM309S20.000MABJUT	20.000000	1.26	1.03	.90	.765	.476	.451
695-CM309S-245-U	CM309S24.576MABJUT	24.576000	1.26	1.03	.90	.765	.476	.451
695-CM309S-25-U	CM309S25.000MABJUT	25.000000	1.26	1.03	.90	.765	.476	.451
695-CM309S-327-U	CM309S32.768MABJUT	32.768000	1.26	1.03	.90	.765	.476	.451

## CITIZEN CSX-750F SERIES CERAMIC CRYSTAL CLOCK OSCILLATORS 7 X 5 X 1.6



RoHS Compliant

**3.3 Volt**

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Citizen Part Number	Frequency (MHz)	Price Each				
			1	10	50	100	500
695-CSX750FBC-184	CSX750FBC1.8432MUT	1.84320	3.00	2.60	2.28	1.80	1.55
695-CSX750FBC-368	CSX750FBC3.6864MUT	3.68640	2.00	1.91	1.65	1.58	1.57
695-CSX750FBC-4	CSX750FBC4.000MUT	4.00000	3.00	2.60	2.28	1.80	1.55
695-CSX750FBC-8	CSX750FBC8.000MUT	8.00000	3.00	2.60	2.28	1.80	1.55
695-CSX750FBC-10	CSX750FBC10.000MUT	10.00000	3.00	2.60	2.28	1.80	1.55
695-CSX750FBC-12	CSX750FBC12.000MUT	12.00000	3.00	2.60	2.28	1.80	1.55
695-CSX750FBC-147	CSX750FBC14.7456MUT	14.74560	3.00	2.60	2.28	1.80	1.55
695-CSX750FBC-16	CSX750FBC16.000MUT	16.00000	3.00	2.60	2.28	1.80	1.55
695-CSX750FBC-18.4	CSX750FBC18.432MUT	18.43200	3.00	2.60	2.28	1.80	1.55
695-CSX750FBC-20	CSX750FBC20.000MUT	20.00000	3.00	2.60	2.28	1.80	1.55
695-CSX750FBC-24	CSX750FBC24.000MUT	24.00000	3.00	2.60	2.28	1.80	1.55
695-CSX750FBC-245	CSX750FBC24.576MUT	24.57600	3.00	2.60	2.28	1.80	1.55
695-CSX750FBC-25	CSX750FBC25.000MUT	25.00000	3.00	2.60	2.28	1.80	1.55
695-CSX750FBC-32	CSX750FBC32.000MUT	32.00000	3.00	2.60	2.28	1.80	1.55
695-CSX750FBC-333	CSX750FBC33.333MUT	33.33300	3.00	2.60	2.28	1.80	1.55
695-CSX750FJC-48	CSX750FJC48.000MUT	48.00000	3.00	2.60	2.28	1.80	1.55
695-CSX750FJC-50	CSX750FJC50.000MUT	50.00000	3.00	2.60	2.28	1.80	1.55
695-CSX750FJC-60	CSX750FJC60.000MUT	60.00000	2.00	1.91	1.65	1.58	1.57
695-CSX750FJC-64	CSX750FJC64.000MUT	64.00000	3.00	2.60	2.28	1.80	1.55

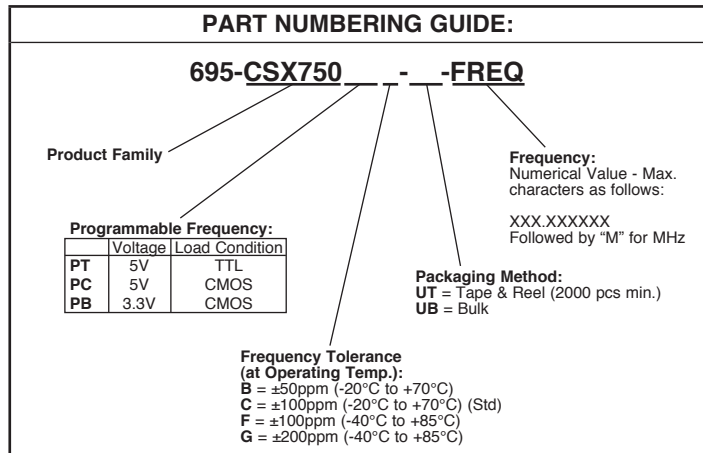


RoHS Compliant

**5.0 Volt**

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Citizen Part Number	Frequency (MHz)	Price Each				
			1	10	50	100	500
695-CSX750FCC-184	CSX750FCC1.8432M-UT	1.84320	3.00	2.60	2.28	1.80	1.55
695-CSX750FCC-4	CSX750FCC4.000M-UT	4.00000	3.00	2.60	2.28	1.80	1.55
695-CSX750FCC-8	CSX750FCC8.000M-UT	8.00000	3.00	2.60	2.28	1.80	1.55
695-CSX750FCC-10	CSX750FCC10.000M-UT	10.00000	3.00	2.60	2.28	1.80	1.55
695-CSX750FCC-143	CSX750FCC14.31818M-UT	14.31818	3.00	2.60	2.28	1.80	1.55
695-CSX750FCC-16	CSX750FCC16.000M-UT	16.00000	3.00	2.60	2.28	1.80	1.55
695-CSX750FCC-20	CSX750FCC20.000M-UT	20.00000	4.68	4.06	3.56	2.81	2.42
695-CSX750FCC-40	CSX750FCC40.000M-UT	40.00000	3.00	2.60	2.28	1.80	1.55
695-CSX750FCC-48	CSX750FCC48.000M-UT	48.00000	3.00	2.60	2.28	1.80	1.55
695-CSX750FCC-50	CSX750FCC50.000M-UT	50.00000	3.00	2.60	2.28	1.80	1.55



## CITIZEN CSX750 SERIES PROGRAMMABLE CRYSTAL OSCILLATORS 7.0 X 5.0MM

**Features:**

- Wide range of output frequency by PLL technology

**Applications:**

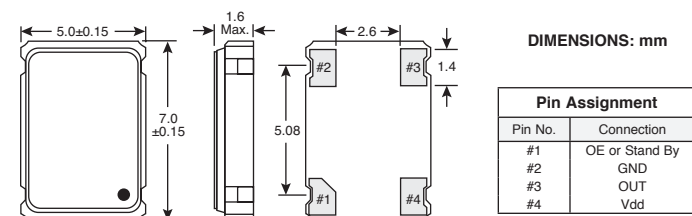
- Communication Devices
- AV Devices
- Automotive Devices
- Measuring Instruments

**Specifications:**

- Frequency Range: CSX750PT - 1.000MHz to 125.000MHz  
CSX750PC - 1.000MHz to 125.000MHz  
CSX750PB - 1.000MHz to 100.000MHz



RoHS Compliant



MOUSER STOCK NO.	Price Each	
	1	10
695-CSX750XXX-XX-Freq	4.73	4.03

Function	
#1 Input	#3 Output Condition
H	Oscillation Out
Open	Oscillation Out
L	Oscillation Stop