



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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● Part Numbering

CERALOCK® (MHz)

(Part Number)

CS	T	NE	16M0	V	5	3	****	R0
1	2	3	4	5	6	7	8	9

① Product ID

Product ID	
CS	Ceramic Resonators

② Frequency/Capacitance

Code	Frequency/Capacitance
A	MHz without Built-in Capacitance
T	MHz with Built-in Capacitance

③ Structure/Size

Code	Structure/Size
LS	Round Lead Type
CC	Cap Chip Type
CR/CE/CG/NR/NE	Small-cap Chip Type
CV	Monolithic Chip Type
CW	Small Monolithic Chip Type

④ Nominal Center Frequency

Expressed by four-digit alphanumerics. The unit is in hertz (Hz).
Decimal point is expressed by capital letter "M."

⑤ Design

Code	Design
G	Thickness Shear mode
T/V	Thickness Expander mode
X	Thickness Expander mode (3rd overtone)

⑥ Initial Frequency Tolerance

Code	Initial Frequency Tolerance
5	±0.5%
3	±0.3%
2	±0.2%
1	±0.1%
H	±0.07%

⑦ Load Capacity

Code	Load Capacity
1	5pF
2	10pF
3	15pF
4	22pF
5	33/39pF
6	47pF

⑧ Individual Specification

Code	Individual Specification
****	Four-digit alphanumerics express "Individual Specification."

"0000" or "-": Standard specification type.

⑨ Packaging

Code	Packaging
B0	Bulk
A0	Radial Taping H ₀ =18mm
R0	Plastic Taping ø=180mm Reel
R1	Plastic Taping ø=330mm Reel

• Radial taping is applied to lead type and plastic taping to chip type.