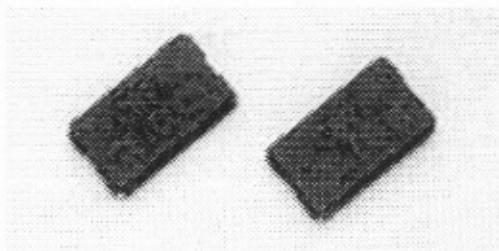


MHz RANGE CRYSTAL UNITS (CERAMIC SURFACE MOUNT TYPE) CS5032H

CITIZEN

(1,000 piece reel)



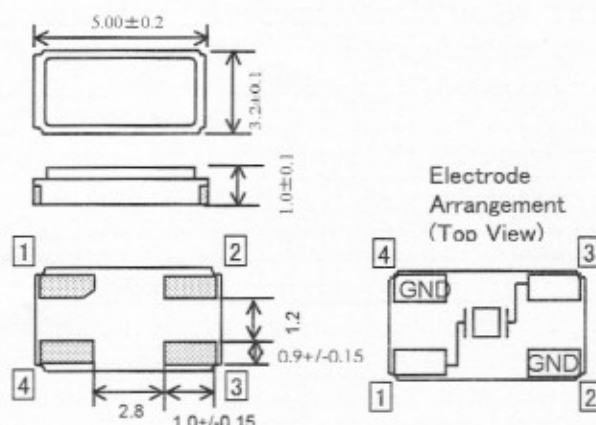
FEATURES:

- For high performance application requirements
- Small size Ceramic package
- Reflowable and lead-free product
- Tape and Reel

APPLICATIONS:

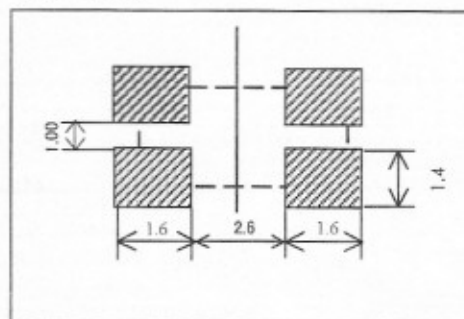
- Blue Tooth Applications
- Radio and Mobile Communication Systems

DIMENSIONS: (Unit=mm)



SOLDERING PATTERN:

(Unit=mm)



STANDARD SPECIFICATIONS

Specifications	CS5032H	Conditions
Nominal frequency	10.0MHz - 60.0MHz(Fund)	
Frequency tolerance	+/-10ppm	At 25C
Frequency vs. Temperature characteristics	+/-10ppm	-10C ~ +60C
Operating temperature range	-40C - +85C	
Storage temperature range	-55C - +125C	
Equivalent series resistance	see table below	At 25C
Load Capacitance	10pF	Standard
Shunt capacitance	7.0pF max.	
Drive level	100uW max.	
Insulation resistance	500MΩ min.	
Aging(First year)	+/-5 ppm max.	

Frequency vs. Temperature curve



EQUIVALENT SERIES RESISTANCE

FREQUENCY	ESR MAX
10.000MHZ ~ 11.999MHZ	100Ω
12.000MHZ ~ 15.999MHZ	70Ω
16.000MHZ ~ 60.000MHZ	50Ω

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Citizen:

<u>CS5032H-15.360MEEQ-UT</u>	<u>CS5032H-30.000MEEQ-UT</u>	<u>CS5032H-19.680MEEQ-UT</u>	<u>CS5032H-19.440MEEQ-UT</u>
<u>CS5032H-24.576MEEQ-UT</u>	<u>CS5032H-14.7456MEEQ-UT</u>	<u>CS5032H-28.63636MEEQ-UT</u>	<u>CS5032H-14.400MEEQ-UT</u>
<u>CS5032H-13.500MEEQ-UT</u>	<u>CS5032H-16.800MEEQ-UT</u>	<u>CS5032H-10.000MEEQ-UT</u>	<u>CS5032H-29.4912MEEQ-UT</u>
<u>CS5032H-19.200MEEQ-UT</u>	<u>CS5032H-19.800MEEQ-UT</u>	<u>CS5032H-12.800MEEQ-UT</u>	<u>CS5032H-12.288MEEQ-UT</u>
<u>CS5032H-44.000MEEQ-UT</u>	<u>CS5032H-40.000MEEQ-UT</u>	<u>CS5032H-18.432MEEQ-UT</u>	<u>CS5032H-16.000MEEQ-UT</u>
<u>CS5032H-11.0592MEEQ-UT</u>	<u>CS5032H-48.000MEEQ-UT</u>	<u>CS5032H-20.000MEEQ-UT</u>	<u>CS5032H-12.000MEEQ-UT</u>
<u>CS5032H-13.000MEEQ-UT</u>	<u>CS5032H-24.000MEEQ-UT</u>	<u>CS5032H-13.560MEEQ-UT</u>	<u>CS5032H-22.000MEEQ-UT</u>
<u>CS5032H-16.384MEEQ-UT</u>	<u>CS5032H-26.000MEEQ-UT</u>		