Crystal Resonator



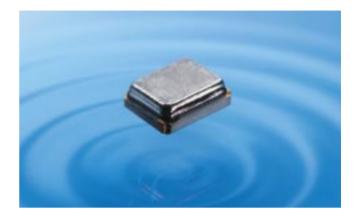
XRCGB_F_M Series [For Consumer Equipment]

Features

Small package (2.0x1.6mm) Compatible with RoHS directive (phase 3)

Applications

PC / Visual Equipment / Small Portable Equipment

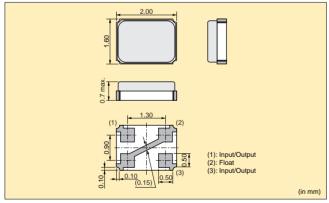


Standard Specifications

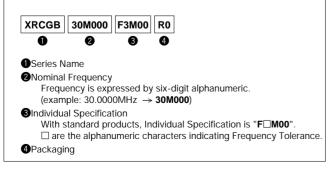
Part Number	Nominal Frequency (MHz)	Frequency Tolerance (at 25±3°C)	Equivalent Series Resistance (ohm)	Temparature Stability (Based on +25°C)	Drive Level (µW)	Load Capacitance (pF)
XRCGB24M000F3M00R0	24.0000	±30ppm max.	150 max.	±40ppm max. (-30 to +85°C)	300 max.	6
XRCGB25M000F3M00R0	25.0000	±30ppm max.	150 max.	±40ppm max. (-30 to +85°C)	300 max.	6
XRCGB27M000F3M00R0	27.0000	±30ppm max.	150 max.	±40ppm max. (-30 to +85°C)	300 max.	6
XRCGB27M120F3M00R0	27.1200	±30ppm max.	150 max.	±40ppm max. (-30 to +85°C)	300 max.	6
XRCGB30M000F3M00R0	30.0000	±30ppm max.	100 max.	±40ppm max. (-30 to +85°C)	300 max.	6
XRCGB33M868F4M00R0	33.8688	±45ppm max.	100 max.	±40ppm max. (-30 to +85°C)	300 max.	6
XRCGB40M000F4M00R0	40.0000	±45ppm max.	100 max.	±40ppm max. (-30 to +85°C)	300 max.	6
XRCGB48M000F4M00R0	48.0000	±45ppm max.	100 max.	±40ppm max. (-30 to +85°C)	300 max.	6

Operating Tempareture Range: -30 to +85°C

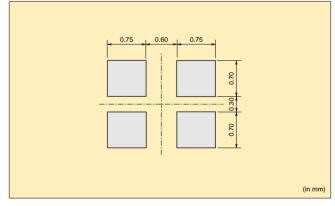
Dimensions



Part Numbering



Recommendable Land Pattern





Crystal Resonator



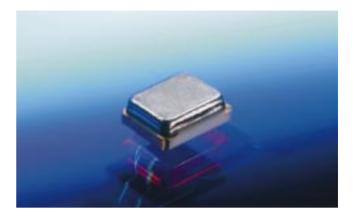
XRCGB_F_L Series [For Consumer Equipment]

Features

Available for S-ATA and USB2.0 (High Speed) / USB3.0 (Super Speed) Small package (2.0x1.6mm) Compatible with RoHS directive (phase 3)

Applications

HDD / SSD /Optical Drive (Available for S-ATA interface) DSC / Camcorder / USB Flash Drive / Printer / Mobile Phone etc. (USB2.0 / 3.0)

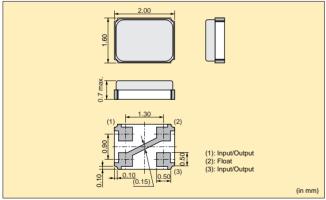


■ Standard Specifications

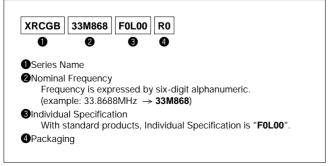
Part Number	Nominal Frequency (MHz)	Frequency Tolerance (at 25±3°C)	Equivalent Series Resistance (ohm)	Temparature Stability (Based on +25°C)	Drive Level (µW)	Load Capacitance (pF)
XRCGB24M000F0L00R0	24.0000	±100ppm max.	150 max.	±50ppm max. (-30 to +85°C)	300 max.	6
XRCGB25M000F0L00R0	25.0000	±100ppm max.	150 max.	±50ppm max. (-30 to +85°C)	300 max.	6
XRCGB27M000F0L00R0	27.0000	±100ppm max.	150 max.	±50ppm max. (-30 to +85°C)	300 max.	6
XRCGB30M000F0L00R0	30.0000	±100ppm max.	100 max.	±50ppm max. (-30 to +85°C)	300 max.	6
XRCGB33M868F0L00R0	33.8688	±100ppm max.	100 max.	±50ppm max. (-30 to +85°C)	300 max.	6
XRCGB40M000F0L00R0	40.0000	±100ppm max.	100 max.	±50ppm max. (-30 to +85°C)	300 max.	6
XRCGB48M000F0L00R0	48.0000	±100ppm max.	100 max.	±50ppm max. (-30 to +85°C)	300 max.	6

Operating Tempareture Range: -30 to +85°C

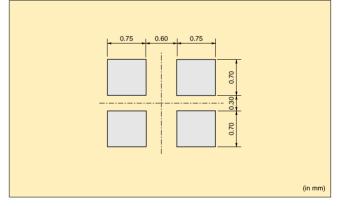
Dimensions



Part Numbering



Recommendable Land Pattern





for EU RoHS Compliant

- All the products in this catalog comply with EU RoHS.
- EU RoHS is "the European Directive 2002/95/EC on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment".
- · For more details, please refer to our website 'Murata's Approach for EU RoHS' (http://www.murata.com/info/rohs.html).

ANote:

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<For customers outside Japan> No Murata products should be used or sold, through any channels, for use in the design, development, production, utilization, maintenance or operation of, or otherwise contribution to (1) any weapons (Weapons of Mass Destruction [nuclear, chemical or biological weapons or missiles] or conventional weapons) or (2)

goods or systems specially designed or intended for military end-use or utilization by military end-users. <For customers in Japan>

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- 2. Please contact our sales representatives or product engineers before using the products in this catalog for the applications listed below, which require especially high reliability for the prevention of defects which might directly damage a third party's life, body or property, or when one of our products is intended for use in applications other than those specified in this catalog. 2 Aerospace equipment
 - (1) Aircraft equipment
 - 3 Undersea equipment (5) Medical equipment (7) Traffic signal equipment
- (4) Power plant equipment (6) Transportation equipment (vehicles, trains, ships, etc.)
 - 8 Disaster prevention / crime prevention equipment
- 0 Application of similar complexity and/or reliability requirements to the applications listed above Data-processing equipment
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