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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 - (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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Head Office 1-10-1, Higashi Kotari, Nagaokakyo-shi, Kyoto 617-8555, Japan Phone: 81-75-951-9111 International Division 3-29-12, Shibuya, Shibuya-ku, Tokyo 150-0002, Japan Phone: 81-3-5469-6123 Fax: 81-3-5469-6155 E-mail: intl@murata.co.jp