

XRCTD/XRCED Series (For Consumer)

SMD Type Crystal Units

	Frequency	Size
XRCTD	32.000 to 52.000MHz	1.2×1.0×0.30mm
XRCED	32.000 to 52.000MHz	1.2×1.0×0.33mm

- * Recommendable Part Number is XRCTD.
- * XRCTD is a product lower than XRCED and the characteristics of both series are the same.



Metal sealed package



Murata's original package technology has realized these compact high-quality and better ESR crystal units. Load capacitance is dependent upon user design, like 6pF or others, please specify a load capacitance to optimum value.

They are ideal for the reference clock of small devices such as wireless communication modules.

Recommendable Part Number

1 to 2 from among 2 cases 1

Change Columns

Part Number	Appearance	L x W (size)	Frequency	Frequency Tolerance	Frequency Shift by Temperature	Frequency
XRCED37M400FXQ52R0		1.2x1.0mm	37.4000MHz	±20ppm (Total)		
XRCTD37M400FXQ50R0		1.2x1.0mm	37.4000MHz	±20ppm (Total)		

[More detailed search](#)

Series

Part Number	Size	Frequency Range	Frequency Tolerance	Load Capacitance	Drive (m)
XRCTD	1.2×1.0×0.30mm	32.000 to 52.000MHz	±20ppm max. (Total)	6pF *Other values available	100uW
XRCED	1.2×1.0×0.33mm				

Part Numbering

XRCTD 37M400 FXQ 50 R0
1 2 3 4 5

Inquiries

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DESIGN TOOL

SimSurfing

The software 'SimSurfing' simulates the characteristics of Murata products.



Explore this design tool 🔧

Related FAQs


i What factor in a oscillation circuit will be a cause of module malfunction? >

i Please let me know a cause and measures for oscillation stop. >

i Please let me know a cause and measures for oscillation frequency difference. >

See all related >

Product News







5/30/2018

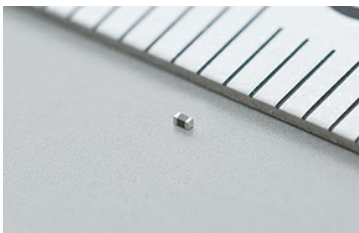
New IRH DC-DC converters are ideal for industrial and rail applications

>

1. Series Name
2. Nominal Frequency
Frequency is expressed by six-digit alphanumeric.
(example : 37.4000MHz → 37M400)
3. Product Specification
4. Individual Specification
5. Packaging

- 
5/14/2018
Industry First GHz Band
0201 inch Noise
Suppression Filter for
Automotive
 - 
3/27/2018
New 1/16th brick DC-
DC for industrial,
mobility & railway
applications
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3/19/2018
Introducing 0805 inch
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supplies, which have the
highest impedance in
the industry
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3/9/2018
New 1W regulated SMT
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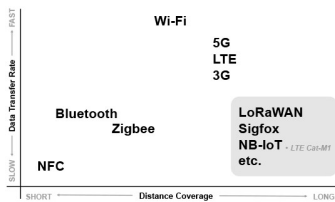
Recommended Contents



Murata introduces 0201 inch audio line noise...

Murata Manufacturing Co., Ltd. has introduced the NFZ03SG_SN series of audio line noise filters at a size of 0201 inch size (0.6×0.3mm), which is the smallest size in the industry. Mass production of these...

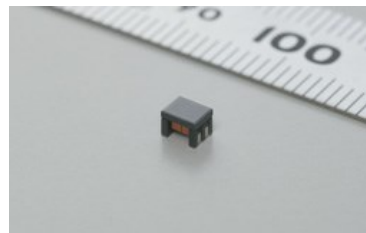
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What is LPWA ?

LPWA stands for Low-Power Wide Area wireless technology. LPWA wireless technology enables the IoT (Internet of Things) applications, which usually require lower power consumption and longer range coverage...

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Murata introduces 1210-inch common mode choke...

In February 2018, Murata Manufacturing Co., Ltd. starts mass production of the DLW32MH_XK2 series of common mode choke coils that support 100Base-T1*1 interfaces for automotive applications.

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