

DLM11GN601SD2#

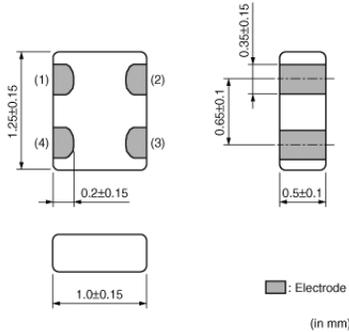
“#” indicates a package specification code.



< List of part numbers with package codes >

DLM11GN601SD2B DLM11GN601SD2D

Appearance & Shape



Features

Small size chip common mode choke coil.
Suitable for noise suppression at audio line of mobile phones.

Features

1. Small size: 1.25x1.0x0.5mm
2. Suitable for noise suppression for personal mobile equipment
3. Effective to both differential mode and common mode noise.

Common mode impedance:

600 ohm at 100MHz (typ.)

Differential mode impedance:

1200Ω at 100MHz (Typ. DLM11GN601SZ2)

1300Ω at 100MHz (Typ. DLM11GN601SD2)

4. Available for high density mounting (Narrow pitch)
5. SD2 type is ideal to keep low distortion audio signal.

Applications

Other Usage	For general
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Applications

1. Audio line for mobile phones (Microphones, Speakers, Headphones)
2. Handsets
3. Personal mobile equipment (PDAs, Digital still cameras, Digital audio players)

Packaging Information

Packaging	Specifications	Minimum Order Quantity
B	Bulk(Bag)	1000
D	180mm Paper Tape	10000

Attention

1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2.This datasheet has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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Specifications

Shape	SMD	Operating Temperature Range	-40°C to 85°C
Size Code (in mm)	1210	Mass(typ.)	0.004g
Size Code (in inch)	0504	Number of Circuit	1
Length	1.25mm	Operating Temperature Range(Self-temperature rise is included)	No
Length Tolerance	±0.15mm		
Width	1.0mm		
Width Tolerance	±0.15mm		
Thickness	0.5mm		
Thickness Tolerance	±0.1mm		
Common Mode Impedance (at 100MHz)	600Ω		
Common Mode Impedance (at 100MHz) Tolerance	±25%		
Rated Current	100mA		
Rated Voltage	5Vdc		
Withstanding Voltage	25Vdc		
DC Resistance(max.)	0.8Ω		
DC Resistance	0.8Ω max.		
Insulation Resistance(min.)	100MΩ		

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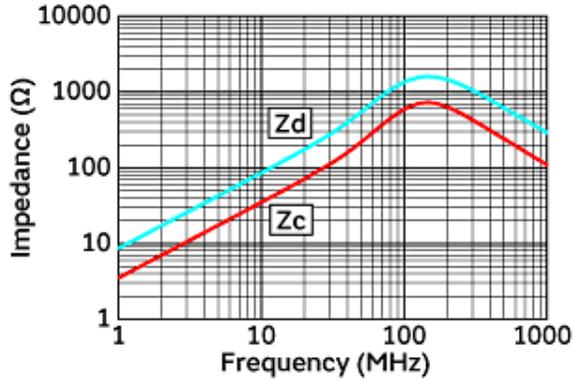
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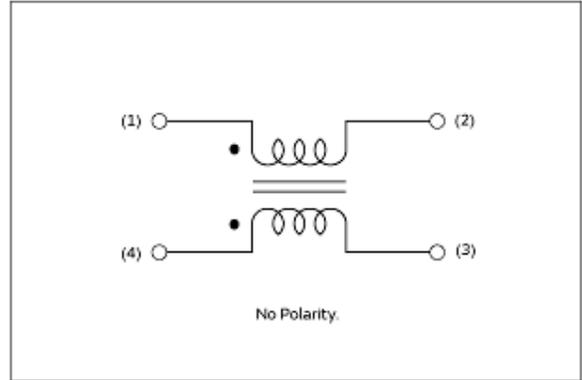
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Product Data



Impedance-Frequency Characteristics



Equivalent Circuit

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