

DLM11GN601SD2#

“#” at the end indicates the package specification code.

Discontinued

RoHS

REACH

< List of part numbers with package codes >

DLM11GN601SD2B

DLM11GN601SD2D

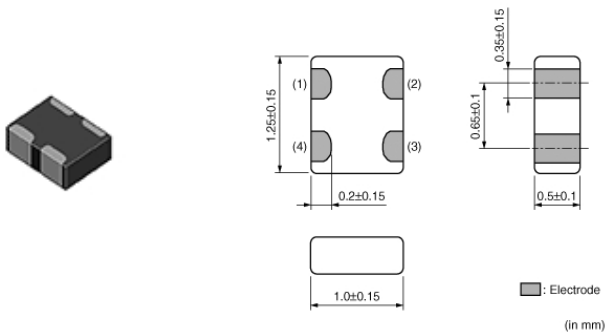
Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	<p>Consumer equipment, Medical equipment [GHTF A/B/C] except for implant & surgery & auto injector, Industrial equipment except for transportation & facility & energy equipment</p> <p>Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product.</p>
Recommended Applications	Consumer equipment

Packaging Information

Packaging	Specifications	Standard Packing Quantity
B	Bulk(Bag)	1000
D	180mm Paper Tape	10000

Appearance & Shape



Attention

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

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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

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

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Specifications

Shape	SMD
Size Code (in mm)	1210
Size Code (in inch)	0504
Length	1.25mm
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
Derating of Rated Current	No
Rated Voltage	5Vdc
Withstanding Voltage	25Vdc
DC Resistance(max.)	0.8Ω
DC Resistance	0.8Ω max.
Insulation Resistance(min.)	100MΩ
Operating Temperature Range	-40°C to 85°C
Mass(typ.)	0.004g
Number of Circuit	1
Operating Temperature Range(Self-temperature rise is included)	No
Brand	Murata

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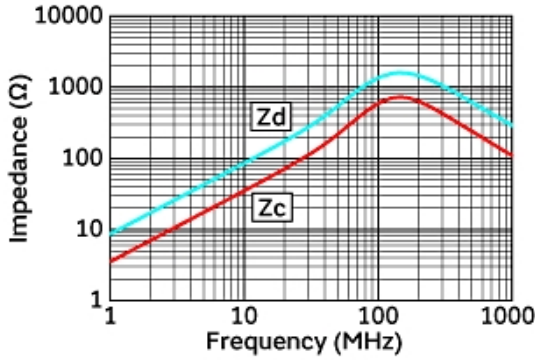
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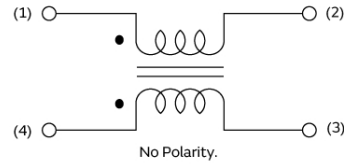
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Product Data

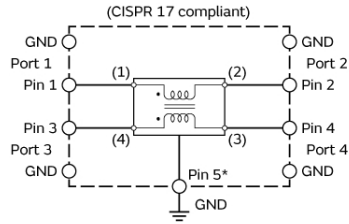


Impedance-Frequency Characteristics

Equivalent Circuit (Note 1)



Note1: The Port/Pin No. of the Simulation Model provided by our company is as follows.



S-parameter: Port □
SPICE model: Pin □ (Pin5* connect to GND)

Equivalent Circuit

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