

DLP0QSA350HL2#

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

Discontinued

RoHS

REACH

< List of part numbers with package codes >

DLP0QSA350HL2B

DLP0QSA350HL2D

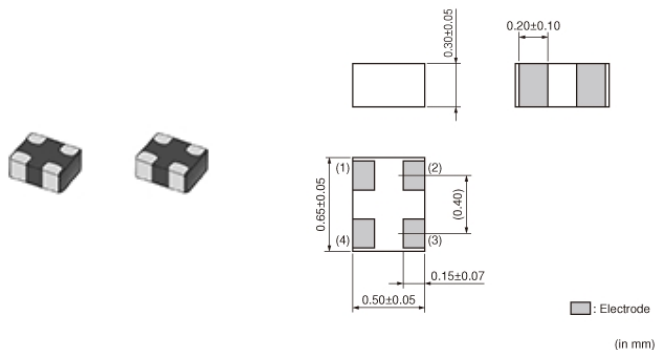
Applications

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)	500
D	180mm Paper Tape	15000

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

1. Small size and tight dimensional tolerance

Size: 0.65x0.50x0.30mm

Tolerance: +/-0.05mm

2. Suitable common mode impedance of 60ohm(at 100MHz)
for high speed signal lines.

3. Prevents signal damaging in high speed differential lines.

4. Designed to match line impedance.

5. DLP0NSA070HL2 is designed to meet SATA.

6. DLP0NSA150HL2 is designed to meet Display Port.

■Application

Common mode noise suppression of high speed differential signal lines for USB 2.0, IEEE1394, LVDS etc.

1. Note PCs

2. Cellular phones

3. Digital Still Cameras, Digital Video Cameras

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Specifications

Shape	SMD
Size Code (in mm)	0605
Size Code (in inch)	025020
Length	0.65mm
Length Tolerance	±0.05mm
Width	0.5mm
Width Tolerance	±0.05mm
Thickness	0.3mm
Thickness Tolerance	±0.05mm
Common Mode Impedance (at 100MHz)	35Ω
Common Mode Impedance (at 100MHz) Tolerance	±10Ω
Rated Current	100mA
Derating of Rated Current	No
Rated Voltage	5Vdc
Withstanding Voltage	12.5Vdc
DC Resistance(max.)	2.75Ω
DC Resistance	2.2Ω±25%
Insulation Resistance(min.)	100MΩ
Operating Temperature Range	-40°C to 85°C
Mass(typ.)	0.0005g
Number of Circuit	1
Operating Temperature Range(Self-temperature rise is included)	No
Brand	Murata

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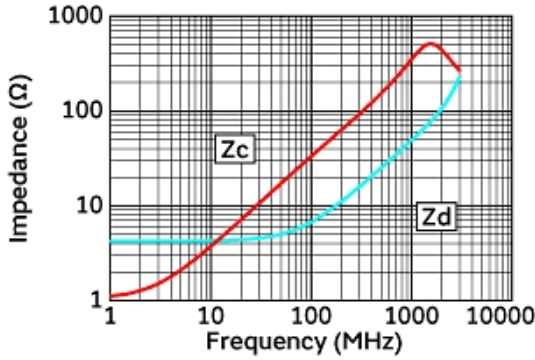
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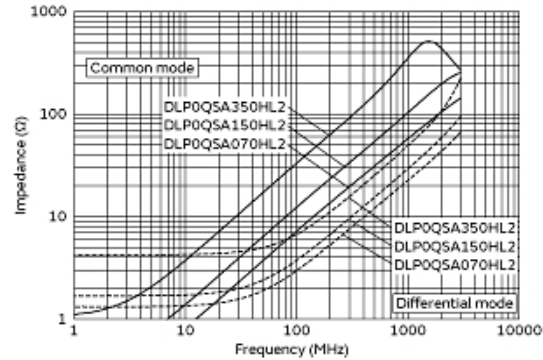
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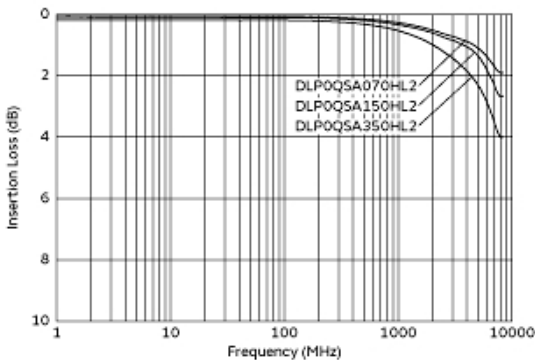
Product Data



Impedance-Frequency Characteristics



Impedance-Frequency Characteristics
(Main Items)



Differential Mode Transmission Characteristics
(Typical Value)

■ 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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