

Product Search Data Sheet

Note: This datasheet may be out of date. Please download the latest datasheet of DLW21PH201XQ2# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=DLW21PH201XQ2%23

"#"at the end indicates the package specification code.

In Production AEC- RoHS REACH

DLW21PH201XQ2#

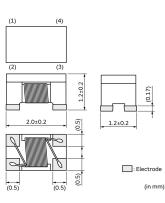
< List of part numbers with package codes > DLW21PH201XQ2B DLW21PH201XQ2L

Applications

Unsuitable	Please be sure to read and comply with
Applications	these "Precautions for use."
	Automotive powertrain/safety equipment,
	Automotive infotainment/comfort
	equipment,Consumer equipment,
	Medical equipment [GHTF A/B/C]
	except for implant & surgery & auto
	injector,Industrial Equipment
Specific	Please refer to Our Website and
Applications	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.
Recommended	Automotive powertrain/safety equipment,
Applications	PoC [Power over Coax],LVDS

Appearance & Shape







Packaging Information

	Packaging	Specifications	Standard
			Packing
			Quantity
	В	Bulk(Bag)	500
	L	180mm Embossed Tape	2000

Features

1. Small size: 2.0x1.2x1.2mm

2. High rated current available (500mA)

3. Available for high density mounting (Narrow pitch)

■Application

Measures against common mode noise in PoC circuit for high-speed

interfaces (SerDes) such as in-vehicle cameras.

1 of 3

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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.

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Specifications

Brand	Murata	

Shape	SMD
Size Code (in mm)	2012
Size Code (in inch)	0805
Length	2.0mm
Length Tolerance	±0.2mm
Width	1.2mm
Width Tolerance	±0.2mm
Thickness	1.2mm
Thickness Tolerance	±0.2mm
Common Mode Impedance (at 100MHz)	200Ω
Common Mode Impedance (at 100MHz) Tolerance	±25%
Rated Current	500mA
Derating of Rated Current	Yes (Over 105°C) *For details, please check the derating diagram.
Rated Voltage	20Vdc
Withstanding Voltage	50Vdc
DC Resistance(max.)	0.168Ω
DC Resistance	0.14Ω±20%
Insulation Resistance(min.)	10ΜΩ
Operating Temperature Range	-40°C to 125°C
Mass(typ.)	0.011g
Number of Circuit	1
Operating Temperature Range(Self-temperature rise is included)	No

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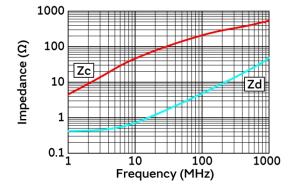
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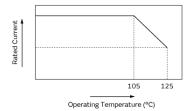
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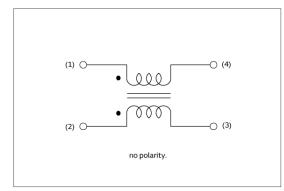
In operating temperature exceeding +105°C, derating of current is necessary for this series. Please apply the derating curve shown in chart according to the operating temperature.

Derating of Rated Current



Impedance-Frequency Characteristics





Equivalent Circuit

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