

Product Search Data Sheet

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Please download the latest datasheet of DLW31SH222SQ2# from the official website of Murata

http://www.murata.com/en-gb/products/productdetail?partno=DLW31SH222SQ2%23

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

DLW31SH222SQ2#

In Production AEC-Q200 RoHS REACH

< List of part numbers with package codes > DLW31SH222SQ2B DLW31SH222SQ2L



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	d Automotive powertrain/safety equipment		
Applications			

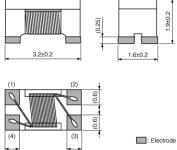


Packaging Information

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

Appearance & Shape





(0.6)

(in mm)

1 of 4

Attention

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without advance notice. Please check with our sales representatives or product engineers before ordering.

(0.6)

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.







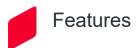
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DLW31S series is a high performance wound type chip common mode choke coil.

Features

- 1. DLW31S is the small size (3.2x1.6x1.9mm).
- 2. Suitable for noise suppression at car area networks like CAN (Controller Area Network) bus.
- 3. DLW31S has high common mode impedance so it is suitable for noise suppression through wide frequency range.
- 4. Wide operating temperature range (-40 to +125 degrees C)

Applications

Noise suppression at car area networks like CAN bus or car navigation system.

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Specifications

Shape	SMD
Size Code (in mm)	3216
Size Code (in inch)	1206
Length	3.2mm
Length Tolerance	±0.2mm
Width	1.6mm
Width Tolerance	±0.2mm
Thickness	1.9mm
Thickness Tolerance	±0.2mm
Common Mode Impedance (at 100MHz)	2200Ω
Common Mode Impedance (at 100MHz) Tolerance	±25%
Rated Current	80mA
Derating of Rated Current	No
Rated Voltage	32Vdc
Withstanding Voltage	80Vdc
DC Resistance(max.)	1.92Ω
DC Resistance	1.6Ω±20%
Insulation Resistance(min.)	10ΜΩ
Operating Temperature Range	-40°C to 125°C
Mass(typ.)	0.039g
Number of Circuit	1
Operating Temperature Range(Self-temperature rise is included)	No
Brand	Murata

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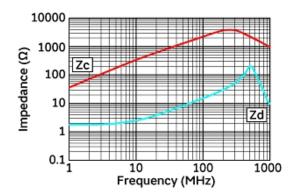
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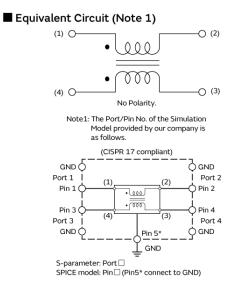
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Impedance-Frequency Characteristics

Equivalent Circuit

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