Note: This datasheet may be out of date Please download the latest datasheet of DLW44SM302SK2#from the official website of Murata Manufacturing

https://www.murata.com/en-us/products/productdetail?partno=DLW44SM302SK2%23

DLW44SM302SK2#

"#" indicates a package specification code.







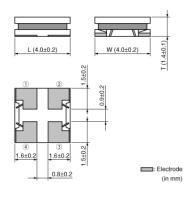
< List of part numbers with package codes >

DLW44SM302SK2L DLW44SM302SK2B DLW44SM302SK2K



Appearance & Shape









For general



Packaging Information

Packaging	Specifications	Minimum Order Quantity
L	180mm Embossed Tape	1000
В	Bulk(Bag)	100
K	330mm Embossed Tape	3500



Features

- 1. Low profile(h=1.5mm max.)
- 2. Small size(4.0 x 4.0mm)
- 3. High rated current available (1.1Ato 3.1A)
- 4. High common mode Impedance (max 2400ohm, at 100MHz)

Application

Noise suppression for power line

- 1. Power line equipment DC/DC converter battery charger
- 2. Portable equipment PDA(Personal Digital Assistance) note PC printer DVC

1 of 3

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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DLW44SM302SK2#

Specifications

Shape	SMD
Size Code (in mm)	4040
Size Code (in inch)	1515
Length	4.0mm
Length Tolerance	±0.2mm
Width	4.0mm
Width Tolerance	±0.2mm
Thickness	1.4mm
Thickness Tolerance	±0.1mm
Common Mode Impedance (at 100MHz)	2200Ω
Common Mode Impedance (at 100MHz) Tolerance	(Тур.)
Common Mode Impedance (at 10MHz)	180Ω
Common Mode Impedance (at 10MHz) Tolerance	±40%
Rated Current	1.1A
Rated Voltage	60Vdc
Withstanding Voltage	150Vdc
DC Resistance(max.)	0.168Ω

DC Resistance	0.120Ω±40%	
Insulation Resistance(min.)	10ΜΩ	
Operating Temperature Range	-40℃ to 105℃	
Mass(typ.)	0.086g	
Number of Circuit	1	
Operating Temperature Range(Self-temperature rise is included)	No	

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Co., Ltd. https://www.murata.com/en-us/products/productdetail?partno=DLW44SM302SK2%23

2 of 3

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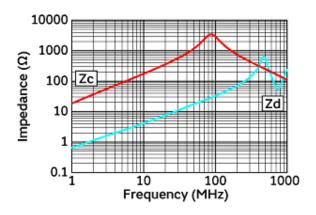
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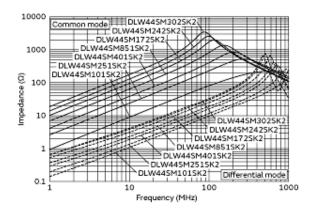
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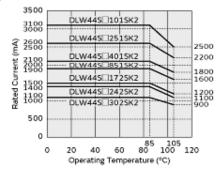


Impedance-Frequency Characteristics

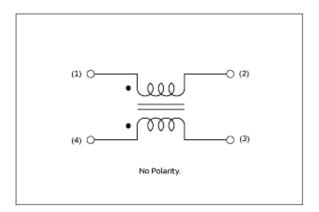
Impedance-Frequency Characteristics (Main Items)

In operating temperature exceeding +85°C, derating of current is necessary for DLW44S series. Please apply the derating curve shown in chart according to the operating temperature.

Derating of Rated Current



Derating of Rated Current



Equivalent Circuit

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ПОСТАВКА ЭЛЕКТРОННЫХ КОМПОНЕНТОВ

Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001 Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

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