Note: This datasheet may be out of date

Please download the latest datasheet of DLW44SM242SK2#from the official website of Murata Manufacturing

https://www.murata.com/en-us/products/productdetail?partno=DLW44SM242SK2%23

DLW44SM242SK2#

"#" indicates a package specification code.







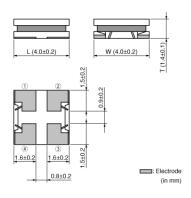
< List of part numbers with package codes >

DLW44SM242SK2L DLW44SM242SK2B DLW44SM242SK2K



Appearance & Shape







Features

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



Other Usage

For general



Packaging Information

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

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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Co., Ltd. https://www.murata.com/en-us/products/productdetail?partno=DLW44SM242SK2%23

DLW44SM242SK2#

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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)	2400Ω
Common Mode Impedance (at 100MHz) Tolerance	(Тур.)
Common Mode Impedance (at 10MHz)	140Ω
Common Mode Impedance (at 10MHz) Tolerance	±40%
Rated Current	1.4A
Rated Voltage	60Vdc
Withstanding Voltage	150Vdc
DC Resistance(max.)	0.105Ω

DC Resistance	0.075Ω±40%
Insulation Resistance(min.)	10ΜΩ
Operating Temperature Range	-40°C to 105°C
Mass(typ.)	0.086g
Number of Circuit	1
Operating Temperature Range(Self- temperature rise is included)	No

2 of 3

Attention

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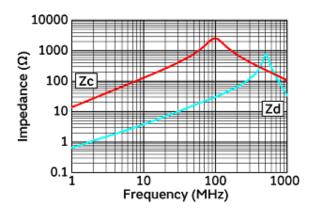
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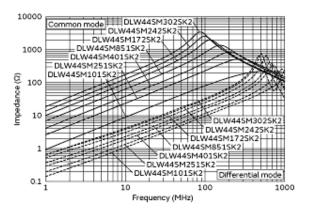
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DLW44SM242SK2#

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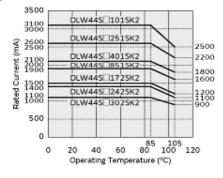


Impedance-Frequency Characteristics

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

No Polarity

3 of 3

O (3)

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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

Данный компонент на территории Российской Федерации Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

http://moschip.ru/get-element

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Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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