

Note: This datasheet may be out of date.

Please download the latest datasheet of DLP11TB800UL2# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=DLP11TB800UL2%23

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







< List of part numbers with package codes > DLP11TB800UL2B DLP11TB800UL2L



### **Applications**

Llassitalala	Diagon has assess to many and accomply with
Unsuitable	Please be sure to read and comply with
Applications	these "Precautions for use."
	Consumer equipment,Medical
	equipment [GHTF A/B/C] except for
	implant & surgery & auto injector,
	Industrial equipment except for
	transportation & facility & energy
	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	0
Applications	Consumer equipment

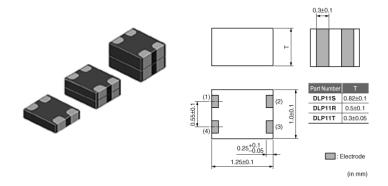


## **Packaging Information**

Packaging	Specifications	Standard
		Packing
		Quantity
В	Bulk(Bag)	500
L	180mm Embossed Tape	5000



# Appearance & Shape



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2. This datasheet has only typical specifications because there is no space for detailed specifications.

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### **Features**

#### Features

- 1. Small and low profile of 1.25 x 1.0mm x 0.3mm. Suitable for high density mounting.
- 2. High magnetic coupling factor (k>=0.98) enables effective noise suppression without damaging to high speed differential signal waveform.
- 3. Designed to match line impedance.
- Improved differential mode cutoff frequency to meet higher speed differential signal lines such as USB3.0 Super Speed.

Cutoff frequency (7GHz typ).

### Application

Common mode noise suppression for high speed differential signal lines in compact mobile equipments such as digital cameras, note pcs and mobile phones

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# **Specifications**

Shape	SMD
Size Code (in mm)	1210
. ,	0504
Size Code (in inch)	0504
Length	1.25mm
Length Tolerance	±0.1mm
Width	1.0mm
Width Tolerance	±0.1mm
Thickness	0.3mm
Thickness Tolerance	±0.05mm
Common Mode Impedance (at 100MHz)	80Ω
Common Mode Impedance (at 100MHz) Tolerance	±25%
Rated Current	100mA
Derating of Rated Current	No
Rated Voltage	5Vdc
Withstanding Voltage	12.5Vdc
DC Resistance(max.)	1.88Ω
DC Resistance	1.5Ω±25%
Insulation Resistance(min.)	100ΜΩ
Operating Temperature Range	-40°C to 85°C
Mass(typ.)	0.002g
Number of Circuit	1
Operating Temperature Range(Self-temperature rise is included)	No
Brand	Murata

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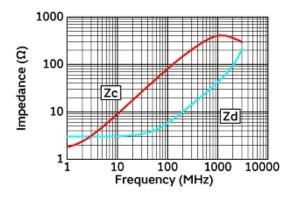
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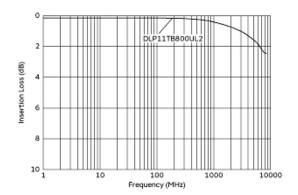
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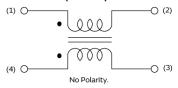
# Product Data



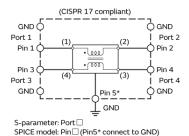


Impedance-Frequency Characteristics

### ■ Equivalent Circuit (Note 1)



Note1: The Port/Pin No. of the Simulation Model provided by our company is



**Equivalent Circuit** 

Differential Mode Transmission Characteristics (Typical Value)

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