

Product Search Data Sheet

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Please download the latest datasheet of DLM11SN450HZ2#from the official website of Murata Manufacturing Co., Ltd.

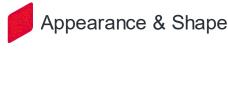
https://www.murata.com/en-us/products/productdetail?partno=DLM11SN450HZ2%23

## DLM11SN450HZ2#

"#" indicates a package specification code.



< List of part numbers with package codes > DLM11SN450HZ2B DLM11SN450HZ2L





0.3±0.1

: Electrode

(in mm)

0.5±0.1

0+0

(3)

(2)

0.2±0.15

1.25±0.1

- 1. Small size and tight dimensional tolerance Size:1.25x1.0x0.5mm Tolerance:+-0.1mm
- 2. High common mode impedance up to 90ohm (at 100MHz) is available.
- 3. DLM11S series enables noise suppression for differential signal line without distortion in highspeed signal transmission due to its line impedance matching.
- 4. High Cut-off Frequency.



Automotive Usage	Infotainment
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### Packaging Information

Packaging	Specifications	Minimum Order Quantity
В	Bulk(Bag)	500
L	180mm Embossed Tape	4000

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### Specifications

ShapeInductionInductionInductionSize Code (in man)101Gerating Temperature RangeGo-Go (In Carcella)Size Code (in Inch)125mMactyp.)OndogLength125mMace of CircuitIncomeLength Tolerance10.1mDeperating Temperature RangeNoVidth Tolerance10.1mNoVidth Tolerance0.5mNoThichess0.5mNoThichess0.1mNoStormen Model Impedance (ali Stormen Model Impedance)SinStaff Common Model Impedance (ali Stormen Model Impedance)NoNational Model Impedance (ali Stormen Model Impedance)NoStaff Common Model Impedance (ali Stormen Model Impedance)NoNational Model Impedance (ali Stormen Model Impedance)NoStaff Common Model Im				
indexindexindexSiz Gada (nindh)SidMastyp.OrdLength CalenanceJamaDerating Temperature Range (Marcel)NoKidth CalenanceJamaSidSidKidth CalenanceJamaSidSidTicknessJamaSidSidSidmandSidSidSidStommandSidSidSidRad CarenanceJamaSidStomp Side (Side	Shape	SMD	Insulation Resistance(min.)	100ΜΩ
Index   Image   Image   Image   Image     Length Column   0.1mm   Perturg Temperature Range(Sefferer Earlier)   Image     Vidth Tolerance   0.1mm   Image   Image     Thickness   0.5mm   Image   Image     Thickness   0.5mm   Image   Image     Somon Mode Impedance (at 000MHz) Tolerance   Si   Image   Image     Rade Current   00mA   Image   Image   Image     Rade Voltage   Vide   Image   Image   Image     Rated Notage   Si   Image   Image   Image     Rated Notage   Image   Image   Image   Image   Image     Rated Notage   Image   Image   Image	Size Code (in mm)	1210	Operating Temperature Range	-55°C to 125°C
Index Index Index   Length Tolerance 1.0mm Operating Temperature Range(Selfemperature Range) No   Width Tolerance 0.1mm Index Index   Thickness 0.5mm Index Index   Thickness Tolerance 0.1mm Index Index   Rated Current 100mA Index Index   Rated Current No Index Index   No Index Index Index   Rated Current No Index Index   No Index Index Index   No Index Index Index   Rated Current No Index Index   No Index Index Index   Rated Voltage Index Index Index   Rated Voltage Index Index Index   No Index Index Index   Rated Voltage Index Index Index   Rated Voltage Index Index Index   No Index Index Index   Rated Voltage Index Index Index   Rated Voltage Index Index Index   Non	Size Code (in inch)	0504	Mass(typ.)	0.004g
Itemperature rise is included)Itemperature rise is included)Width1.0mmWidth Tolerance0.0mmDism0.5mmThickness Tolerance40.1mmCommon Mode Impedance (at 00MH2) Tolerance25%Rated Current100mADerating of Rated CurrentNoRated Voltage5VdcWithstanding Voltage12.5VdcDer Residence (max.)0.880	Length	1.25mm	Number of Circuit	1
Auton columnWidth Tolerance40.1mmThickness0.5mmThickness Tolerance40.1mmGommon Mode Impedance (attor)450v25%itelestanceRated Current100mANoitelestanceRated Voltage5VdcDrating of Rated Qurent5VdcMithsanding Voltage12.5VdcDrates stance (max.)0.880	Length Tolerance	±0.1mm	Operating Temperature Range(Self- temperature rise is included)	No
InicknessImmThickness Tolerance±0.1mmCommon Mode Impedance (at 00MHz) Tolerance±25%Rated Current100mADerating of Rated CurrentNoRated Voltage5VdcDtithstanding Voltage12.5VdcDc Resstance (max.)0.88Q	Width	1.0mm		
Inickness Tolerance±0.1mmCommon Mode Impedance (at 00MHz)45ΩCommon Mode Impedance (at 100mA±25%Rated Current100mADerating of Rated CurrentNoRated Voltage5VdcWithstanding Voltage1.85ΩDC Resistance(max.)0.88Ω	Width Tolerance	±0.1mm		
I common Mode Impedance (at 00MHz)45ΩCommon Mode Impedance (at 00MHz) Tolerance25%Rated Current100mADerating of Rated CurrentNoRated Voltage5VdcVthtstanding Voltage12.5VdcDc Resistance(max.)0.88Ω	Thickness	0.5mm		
100MHz)4502Common Mode Impedance (at 100MHz) Tolerance±25%Rated Current100mADerating of Rated CurrentNoRated Voltage5VdcWithstanding Voltage12.5VdcDC Resistance(max.)0.88Ω	Thickness Tolerance	±0.1mm		
100MHz) Tolerance120 %Rated Current100mADerating of Rated CurrentNoRated Voltage5VdcWithstanding Voltage12.5VdcDC Resistance(max.)0.88Ω		45Ω		
A contractDerating of Rated CurrentNoRated Voltage5VdcWithstanding Voltage12.5VdcDC Resistance(max.)0.88Ω	Common Mode Impedance (at 100MHz) Tolerance	±25%		
Rated Voltage5VdcWithstanding Voltage12.5VdcDC Resistance(max.)0.88Ω	Rated Current	100mA		
AutomaticalWithstanding Voltage12.5VdcDC Resistance(max.)0.88Ω	Derating of Rated Current	No		
DC Resistance(max.) 0.88Ω	Rated Voltage	5Vdc		
	Withstanding Voltage	12.5Vdc		
DC Resistance 0.7Ω±25%	DC Resistance(max.)	0.88.0		
	DC Resistance	0.7Ω±25%		

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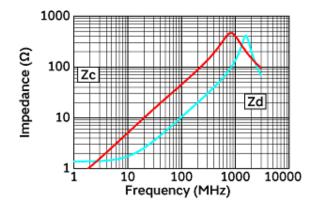
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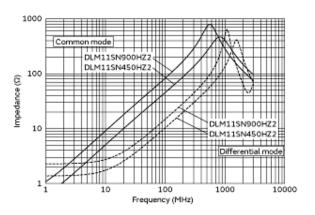
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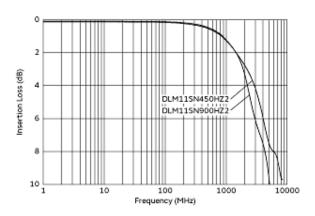


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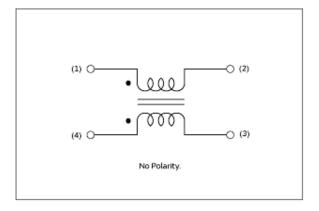


Impedance-Frequency Characteristics (Main Items)



Impedance-Frequency Characteristics

Differential Mode Transmission Characteristics (Typical Value)



Equivalent Circuit

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