

Impedance-Frequency Characteristics

DLP2ADN241HL4

DLP2ADN161HL4

1000

1000

10000

10000

100

Frequency (MHz)

■ Differential Mode Transmission Characteristics (Typ.)

100

Frequency (MHz)

10

node

DLP2ADN161HL4 LP2ADN121HL4

DLP2ADN900HL4

10000

1000

100

10

mpedance (Ω)

nsertion Loss (dB) 01

15

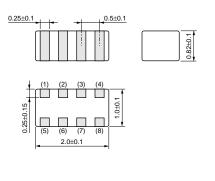
20

**Data Sheet** 

# Chip Common Mode Choke Coils Film Type Array

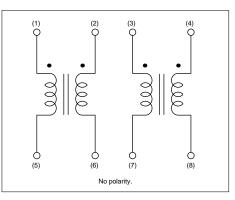
# DLP2AD Series (0804 Size)

Dimension



(in mm)

# Equivalent circuit



## Packaging

Code	Packaging	Minimum Quantity		
L	180mm Embossed Tape	3000		
В	Bulk(Bag)	500		

# ■ Rated Value (□: packaging code)

Part Number	Common Mode Impedance (at 100MHz/20°C)	Rated Current	Rated Voltage	Insulation Resistance (min.)	Withstand Voltage	DC Resistance	Operating Temperature Range	Number of Circuit
DLP2ADN670HL4	67ohm±20%	140mA	5Vdc	100M ohm	12.5Vdc	1.30hm±25%	-40°C to 85°C	2
DLP2ADN900HL4	90ohm±20%	130mA	5Vdc	100M ohm	12.5Vdc	1.7ohm±25%	-40°C to 85°C	2
DLP2ADN121HL4	120ohm±20%	120mA	5Vdc	100M ohm	12.5Vdc	2.0ohm±25%	-40°C to 85°C	2
DLP2ADN161HL4	160ohm±20%	100mA	5Vdc	100M ohm	12.5Vdc	2.5ohm±25%	-40°C to 85°C	2
DLP2ADN201HL4	200ohm±20%	90mA	5Vdc	100M ohm	12.5Vdc	3.2ohm±25%	-40°C to 85°C	2
DLP2ADN241HL4	240ohm±20%	80mA	5Vdc	100M ohm	12.5Vdc	3.80hm±25%	-40°C to 85°C	2
DLP2ADN281HL4	280ohm±20%	80mA	5Vdc	100M ohm	12.5Vdc	4.6ohm±25%	-40°C to 85°C	2

Continued on the following page.

This data sheet is applied for CHIP COMMON MODE CHOKE COIL used for General Electronics equipment for your design.

#### A Note:

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.

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**Data Sheet** 

#### Continued from the preceding page.

### ■ ①Caution/Notice

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Do not use products beyond the rated current and rated voltage as this may create excessive heat and deteriorate the insulation resistance.

#### Notice

Solderability of Tin plating termination chip might be deteriorated when low temperature soldering profile where peak solder temperature is below the Tin melting point is used. Please confirm the solderability of Tin plating termination chip before use.

2

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