

DLP11SA900HL2#

“#” indicates a package specification code.

In Production

RoHS

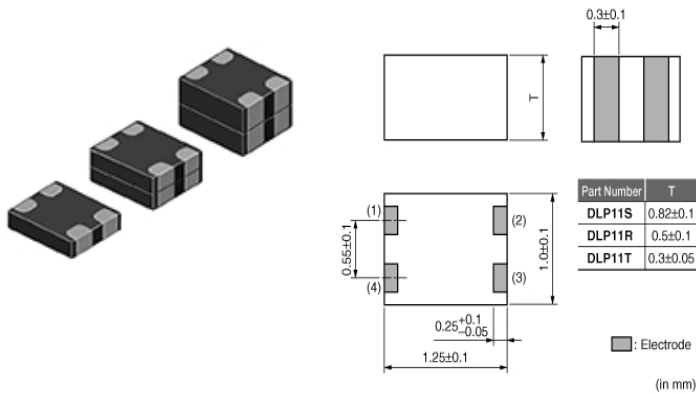
REACH

< List of part numbers with package codes >

DLP11SA900HL2B

DLP11SA900HL2L

Appearance & Shape



Features

1. Small size and tight dimensional tolerance
Size: 1.25x1.0x0.82mm Tolerance: +/-0.1mm
2. Useful impedance line-up from 67 ohm to 330 ohm
3. DLP11S series enables noise suppression for differential signal line without distortion in high-speed signal transmission due to its high coupling
4. DLP11SN_HL2, DLP11SAseries match with line impedance
5. High Cutoff Frequency is suitable for high speed differential signal line such as HDMI. Cutoff Frequency: 5GHz typ (DLP11SAseries)

Applications

Common mode noise suppression of high speed differential signal lines for USB, IEEE1394, LVDS

1. Note PCs, PDAs
2. Cellular phones
3. Digital Still Cameras, Digital Video Cameras

Applications

| | |
|-------------|-------------|
| Other Usage | For general |
|-------------|-------------|

Packaging Information

| Packaging | Specifications | Minimum Order Quantity |
|-----------|---------------------|------------------------|
| B | Bulk(Bag) | 500 |
| L | 180mm Embossed Tape | 3000 |

Attention


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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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Specifications

| | |
|--|---------------|
| Shape | SMD |
| Size Code (in mm) | 1210 |
| Size Code (in inch) | 0504 |
| Length | 1.25mm |
| Length Tolerance | ±0.1mm |
| Width | 1.0mm |
| Width Tolerance | ±0.1mm |
| Thickness | 0.82mm |
| Thickness Tolerance | ±0.1mm |
| Common Mode Impedance (at 100MHz) | 90Ω |
| Common Mode Impedance (at 100MHz) Tolerance | ±20% |
| Rated Current | 150mA |
| Derating of Rated Current | No |
| Rated Voltage | 5Vdc |
| Withstanding Voltage | 12.5Vdc |
| DC Resistance(max.) | 1.75Ω |
| DC Resistance | 1.4Ω±25% |
| Insulation Resistance(min.) | 100MΩ |
| Operating Temperature Range | -40°C to 85°C |
| Mass(typ.) | 0.005g |
| Number of Circuit | 1 |
| Operating Temperature Range(Self-temperature rise is included) | No |

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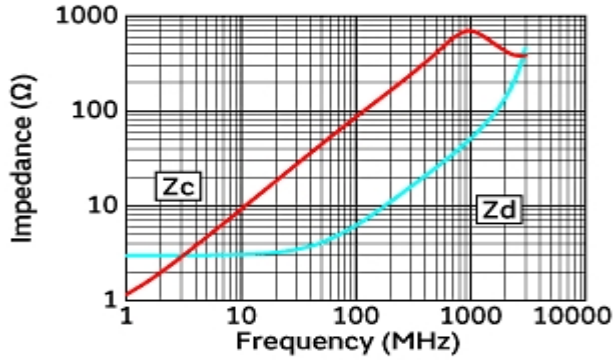
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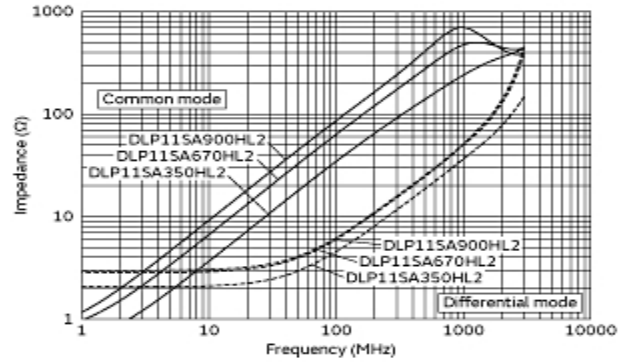
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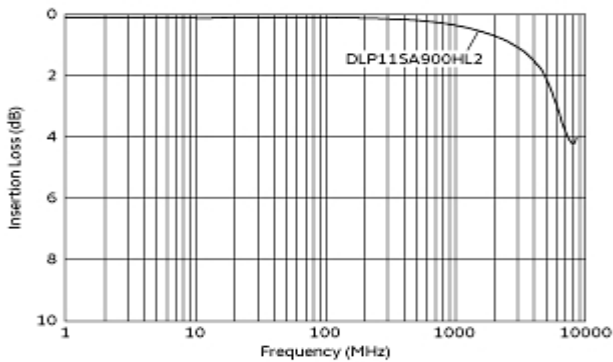
Product Data



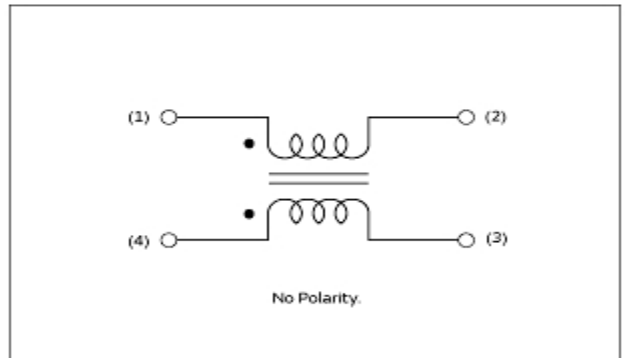
Impedance-Frequency Characteristics



Impedance-Frequency Characteristics
(Main Items)



Differential Mode Transmission Characteristics
(Typical Value)



Equivalent Circuit

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