

# DLP11SA350HL2#

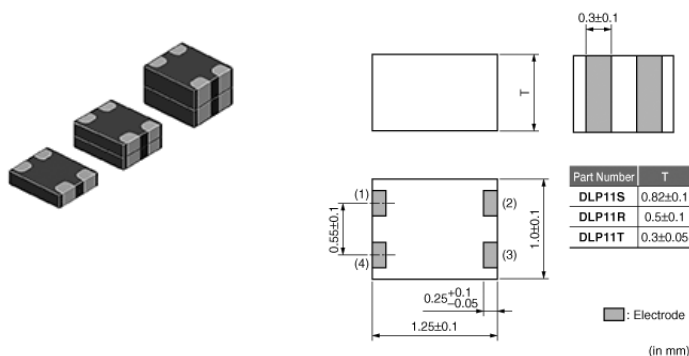
“#” indicates a package specification code.

In Production RoHS REACH

< List of part numbers with package codes >

DLP11SA350HL2B DLP11SA350HL2L

## 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, DLP11SAs series match with line impedance
5. High Cutoff Frequency is suitable for high speed differential signal line such as HDMI.  
Cutoff Frequency: 6GHz (DLP11SAs series)

## Applications

### 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

## Packaging Information

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

### Attention

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## Specifications

|                                             |          |                                                                |               |
|---------------------------------------------|----------|----------------------------------------------------------------|---------------|
| Shape                                       | SMD      | Operating Temperature Range                                    | -40°C to 85°C |
| Size Code (in mm)                           | 1210     | Mass(typ.)                                                     | 0.005g        |
| Size Code (in inch)                         | 0504     | Number of Circuit                                              | 1             |
| Length                                      | 1.25mm   | Operating Temperature Range(Self-temperature rise is included) | No            |
| Length Tolerance                            | ±0.1mm   |                                                                |               |
| Width                                       | 1.0mm    |                                                                |               |
| Width Tolerance                             | ±0.1mm   |                                                                |               |
| Thickness                                   | 0.82mm   |                                                                |               |
| Thickness Tolerance                         | ±0.1mm   |                                                                |               |
| Common Mode Impedance (at 100MHz)           | 35Ω      |                                                                |               |
| Common Mode Impedance (at 100MHz) Tolerance | ±20%     |                                                                |               |
| Rated Current                               | 170mA    |                                                                |               |
| Rated Voltage                               | 5Vdc     |                                                                |               |
| Withstanding Voltage                        | 12.5Vdc  |                                                                |               |
| DC Resistance(max.)                         | 1.13Ω    |                                                                |               |
| DC Resistance                               | 0.9Ω±25% |                                                                |               |
| Insulation Resistance(min.)                 | 100MΩ    |                                                                |               |

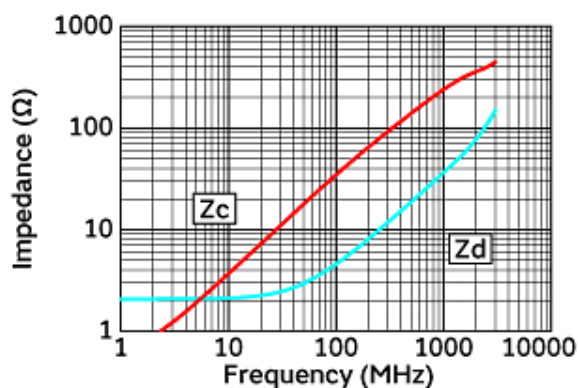
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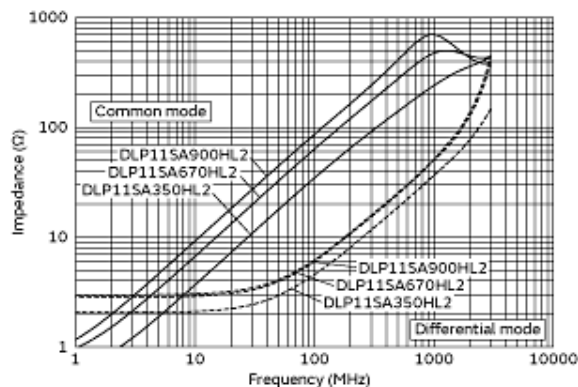
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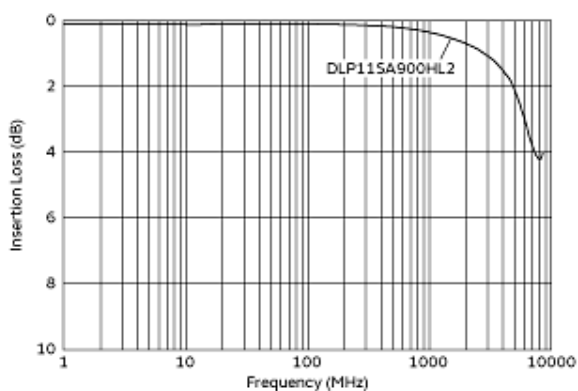
## Product Data



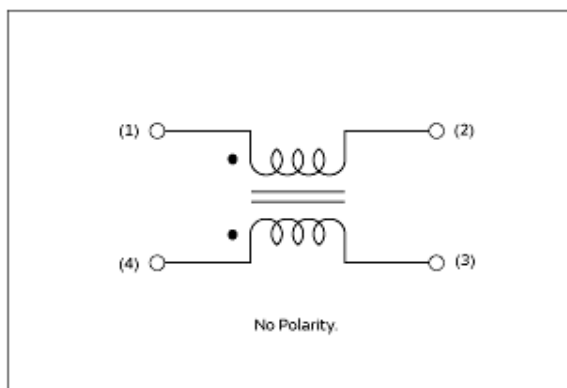
Impedance-Frequency Characteristics



Impedance-Frequency Characteristics  
(Main Items)



Differential Mode Transmission Characteristics (Typical Value)



Equivalent Circuit

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