

# On-Board Type (DC) EMI Suppression Filters (EMIFIL®)

**muRata**

## Chip Common Mode Choke Coils Film Type DLP11S/DLP31S Series

### DLP11S Series

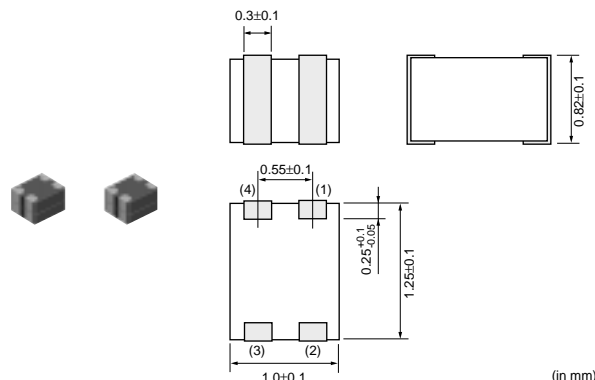
#### ■ Features

1. Small size and tight dimensional tolerance  
Size: 1.25x1.0x0.82mm  
tolerance: +/-0.1mm
2. Useful impedance line-up 90/120/160/200 ohm
3. High noise suppression for high frequency
4. No distortion to high-speed signal transmission

#### ■ Applications

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

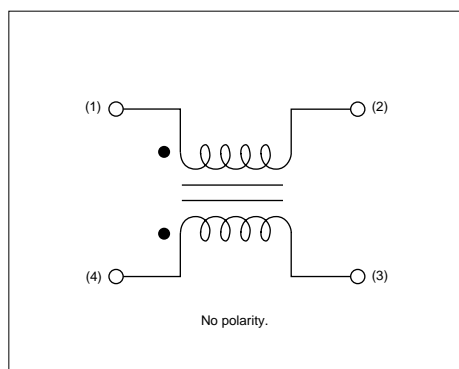
1. Note PC, PDA
2. Cellular phone
3. Digital Still Camera, Digital Video Camera



Part Number	Common Mode Impedance (at 100MHz, 20 degree C) (ohm)	Rated Current (mA)	Rated Voltage (Vdc)	Insulation Resistance (min.) (M ohm)	Withstand Voltage (Vdc)	DC Resistance (ohm)
DLP11SN670SL2	67 ±20%	180	5	100	12.5	1.3 ±25%
DLP11SN900SL2	90 ±20%	160	5	100	12.5	1.4 ±25%
DLP11SN121SL2	120 ±20%	140	5	100	12.5	2.0 ±25%
DLP11SN161SL2	160 ±20%	120	5	100	12.5	2.7 ±25%
DLP11SN201SL2	200 ±20%	130	5	100	12.5	2.5 ±25%

Operating Temperature Range : -40°C to 85°C

#### ■ Equivalent Circuit



#### ■ Impedance-Frequency Characteristics

