

## Type:SMCM2012

### ◆ Product Description

- 2.2×1.4mm Max.(L×W), 1.0 mm Max. Height.
- DCR Range:1.6 Ω
- In addition to the standards versions shown here, custom inductors are also available to meet your exact requirements.

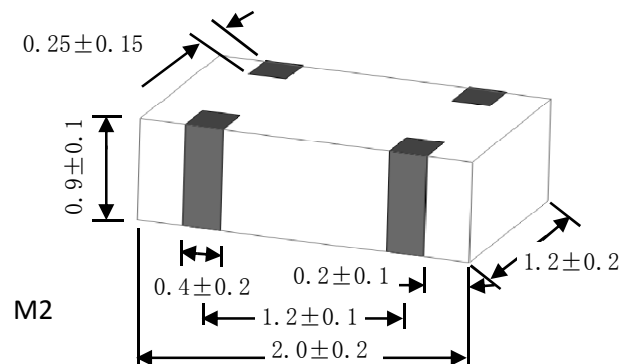
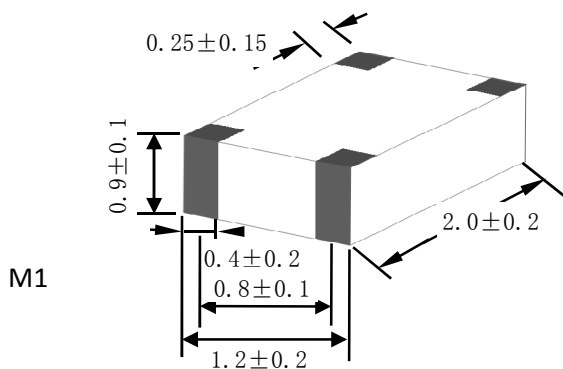
### ◆ Feature

- Effective for suppressing common mode noise at high frequencies.
- Excellent solderability characteristics
- Compact design

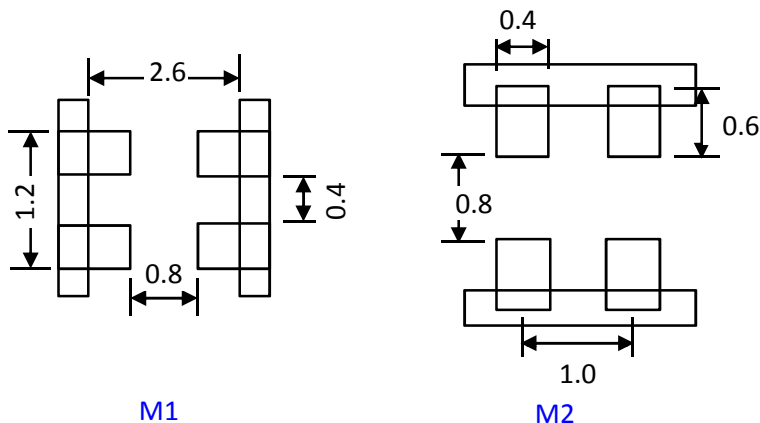
### ◆ Application

- Common mode noise suppression of differential signal lines in high speed and high-density digital equipment such as USB 2.0, IEEE1394,HDMI,LVDS,Digital Camera,Scanner ,etc
- Digital audio and video equipment such as PDAs,DSC,DVC,CD Players,DVD Players,MD Players

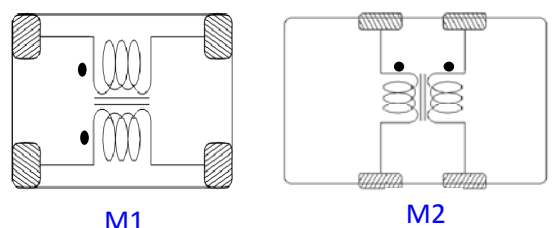
### ◆ Dimensions (mm)



### ◆ Land Pattern (mm)



### Equivalent Circuit



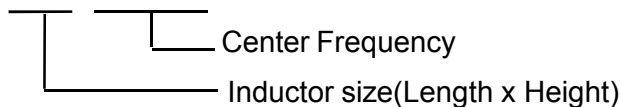
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### ◆ Specification

Suntek Part Number	System Code	Common Mode Attenuation(dB)	differential Mode Insertion Loss (dB)	Max. DC R( $\Omega$ )	Rated Current (mA)	Characteristic Impedance
SMCM2012-0R480G-M1		Min.9dB @130MHz~1GHz	Max.0.6dB @240MHz	1.6	200	90
		Min.14dB @130MHz~1GHz				
SMCM2012-0R480G-M2		Min.9dB @130MHz~1GHz	Max.0.6dB @240MHz	1.6	200	90
		Min.14dB @130MHz~1GHz				

### ※Description of Part Name

SMCM2012-0R480G-M1



Note:

1.Operating Temperature is -40℃~+85℃.