

Type:SMCM3216

◆ Product Description

- 3.4×1.8mm Max.(L×W), 1.0 mm Max. Height.
- DCR Range: 2.0Ω
- In addition to the standards versions shown here, custom inductors are also available to meet your exact requirements.

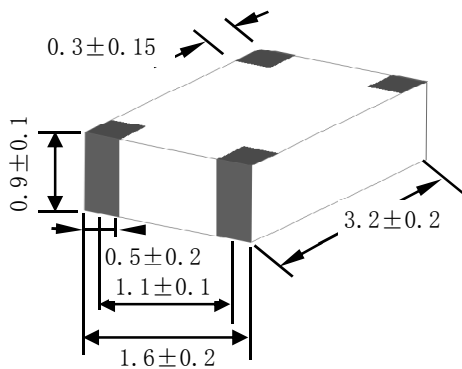
◆ Feature

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

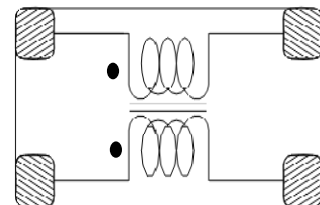
◆ Application

- 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

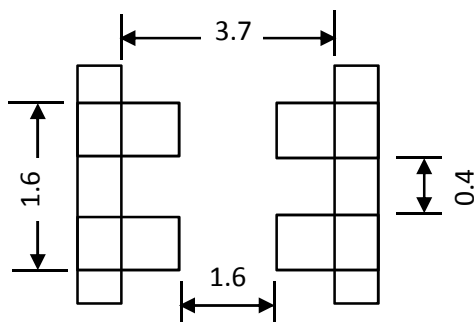
◆ Dimensions (mm)



Equivalent Circuit



◆ Land Pattern (mm)



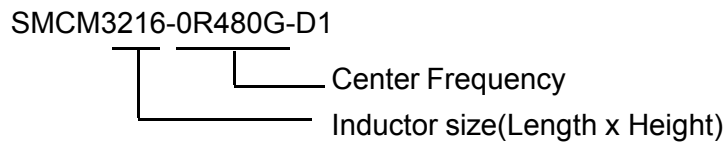


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◆ Specification

| Suntek Part Number | System Code | Common Mode Attenuation(dB) | differential Mode Insertion Loss (dB) | Max. DC R(Ω) | Rated Current (mA) | Characteristic Impedance |
|--------------------|-------------|-----------------------------|---------------------------------------|-----------------------|--------------------|--------------------------|
| SMCM3216-0R480G-D1 | | Min.10dB @130MHz~1GHz | Max.0.6dB @240MHz | 2.0 | 200 | 90 |

※Description of Part Name



Note:

1.Operating Temperature is -40°C~+85°C.