

SCM Series

SMD Common Mode Inductor

Size 7060



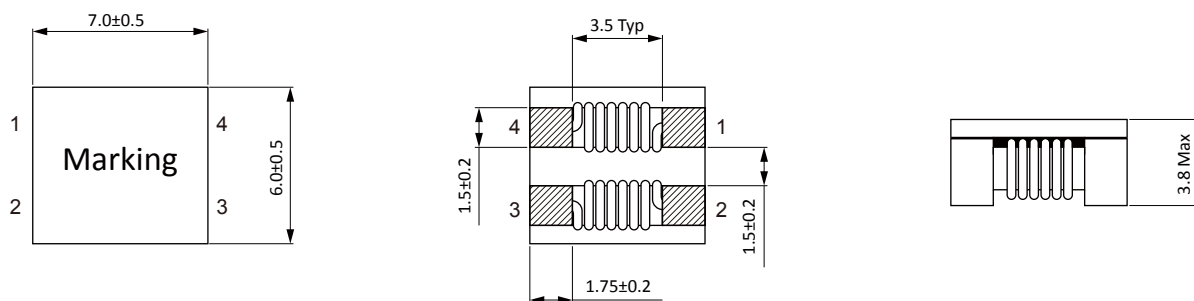
CHARACTERISTICS

- 两个相同圈数的线圈绕制在同一磁体上，实现共模噪声的抑制
- 采用紧凑的SMD封装工艺，节省PCB空间
- 工作温度范围：-55℃~+125℃

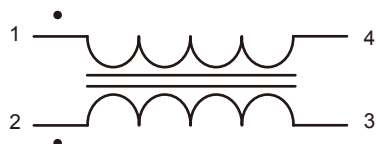
APPLICATION

- 数据线、信号线的共模噪声抑制
- 电源线的共模噪声抑制80VDC(42VAC)
- EMI对策用
- 特别适用于USB、CAN、IEEE194(FireWire)、HDMI、LVDS、LAN等线路的电磁干扰抑制

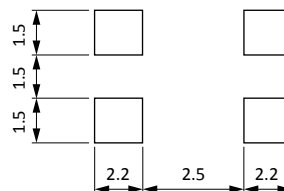
Dimensions: [mm]



Schematic:



Land Pattern: [mm]

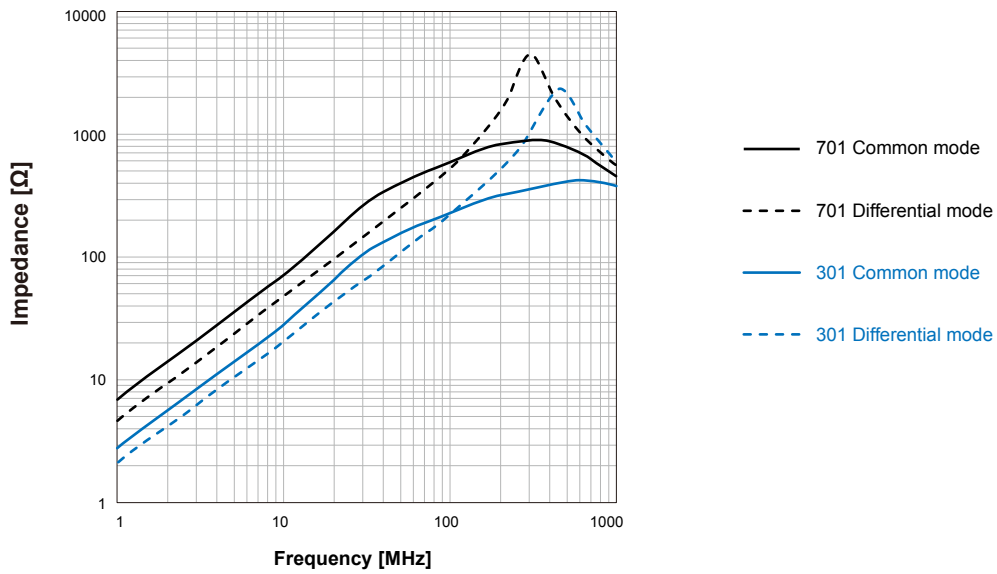


Electrical Properties:

| 规格型号 | 阻抗 | | 额定电流 | 直流电阻 | 绝缘电阻 | 额定电压 | 测试频率 |
|---------------|-----------|-----------|--------|----------|----------|---------|------------|
| Part No. | Z Typ (Ω) | Z Min (Ω) | Ir (A) | Max.(mΩ) | Min (MΩ) | Max (V) | Test Freq. |
| SCM7060F-141Y | 140 | 100 | 9 | 10 | 10 | 80 | 100MHz |
| SCM7060F-301Y | 300 | 225 | 5 | 10 | 10 | 80 | 100MHz |
| SCM7060F-351Y | 350 | 275 | 5 | 10 | 10 | 80 | 100MHz |
| SCM7060F-601Y | 600 | 500 | 4 | 15 | 10 | 80 | 100MHz |
| SCM7060F-701Y | 700 | 500 | 4 | 15 | 10 | 80 | 100MHz |
| SCM7060F-102Y | 1000 | 800 | 3 | 17 | 10 | 80 | 100MHz |
| SCM7060F-132Y | 1300 | 910 | 2.5 | 21 | 10 | 80 | 100MHz |

Typical Electrical Characteristics:

Impedance & Frequency Characteristics:



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