

SCM Series
SMD Common Mode Inductor
Size 9070



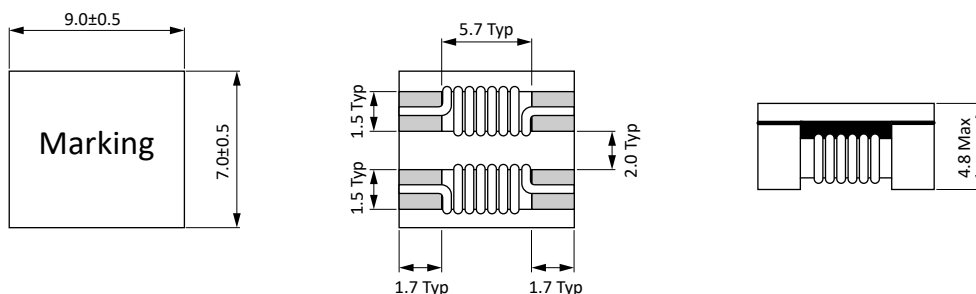
CHARACTERISTICS

- 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℃

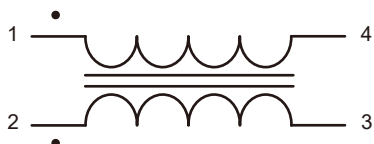
APPLICATION

- 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:



Electrical Properties:

规格型号	共模阻抗		额定电流	直流电阻	绝缘电阻	额定电压	测试条件
Part No.	Z Min. (Ω)	Z Typ. (Ω)	Ir (A)	Max.(mΩ)	Min. (MΩ)	(V)	Test Cond.
SCM9070-301Y	225	300	6.0	6.0	10	50	100MHz
SCM9070-501Y	450	600	5.5	8.0	10	50	100MHz
SCM9070-701Y	500	700	5.0	10.0	10	50	100MHz
SCM9070-102Y	750	1000	4.0	13.0	10	50	100MHz
SCM9070-272Y	2000	2700	2.0	86.0	10	50	100MHz

Typical Electrical Characteristics:
 Impedance & Frequency Characteristics:

