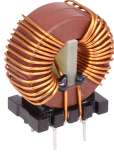


CMC Series
Common Mode Choke
Size 1678



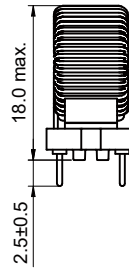
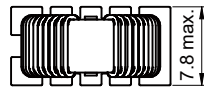
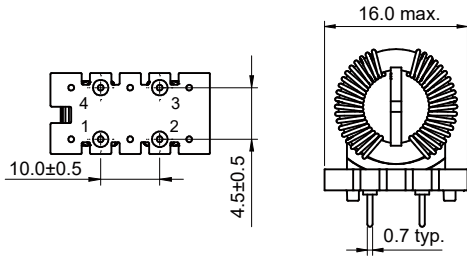
CHARACTERISTICS

- 两组相同圈数的线圈绕制在同一磁体上，实现共模噪声的抑制
- 采用紧凑均匀的绕线工艺，有效减低寄生电容，提高线间耐压等级
- 标称额定电压250Vac; 线间绝缘测试电压1500Vac
- 工作温度范围：-55℃~+125℃

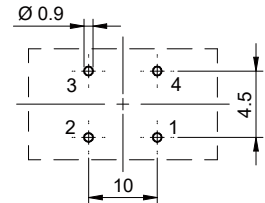
APPLICATION

- 电源线输入、输出共模噪声消减和浪涌抑制 (250Vac)
- 电力电源装置的浪涌抑制和EMI滤波
- 浮地装置的滤波
- EMI对策用
- 特别适用于AC/DC转换, DC/AC逆变等线路的电磁干扰抑制

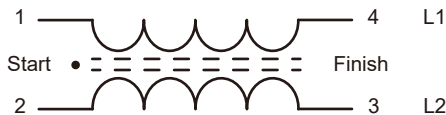
Dimensions: [mm]



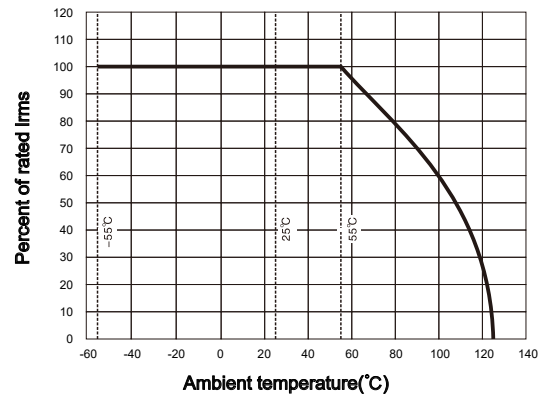
Land Pattern: [mm]



Schematic:



Irms Derating Characteristics:



Construction:

Wire Type:



Curren derating at ambient temperature of >55°C
环境温度高于55摄氏度时电流降额使用曲线

Electrical Properties:

规格型号 Part No.	单组电感量 L(μ H) \pm 30%	额定电流 I _r (A)	单组直流电阻 max (m Ω)	绝缘电压 V _{ac}	额定电压 V _{ac}	磁环材质 Core Material	测试条件 Test Condition
CMC1678-140N	14	4.0	15	1500	250	镍锌NiZn	10kHz/0.25V
CMC1678-300N	30	3.0	26	1500	250	镍锌NiZn	10kHz/0.25V
CMC1678-470N	47	2.0	40	1500	250	镍锌NiZn	10kHz/0.25V
CMC1678-101N	100	1.5	80	1500	250	镍锌NiZn	10kHz/0.25V
CMC1678-102N	1,000	2.0	45	1500	250	锰锌MnZn	10kHz/0.25V
CMC1678-402N	4,000	1.5	140	1500	250	锰锌MnZn	10kHz/0.25V
CMC1678-502N	5,000	1.0	220	1500	250	锰锌MnZn	10kHz/0.25V
CMC1678-103N	10,000	0.7	350	1500	250	锰锌MnZn	10kHz/0.25V
CMC1678-203N	20,000	0.5	1000	1500	250	锰锌MnZn	10kHz/0.25V
CMC1678-393N	39,000	0.3	3000	1500	250	锰锌MnZn	10kHz/0.25V

Typical Electrical Characteristics:

Insertion Loss Common Mode

