ME410D系列直流双节电源滤波器

ME410D Series DC Dual Section Power Filters

产品及应用/products applications

- 专为抑制直流电源线上的噪声设计
- 双节增强型滤波器，较强的差模滤波效果
- 具有差模滤波电感，低频性能优异
- 适用于通讯设备、基站、直放站、程控交换机
  复印设备、光端机、开关电源等直流供电的各种电子设备

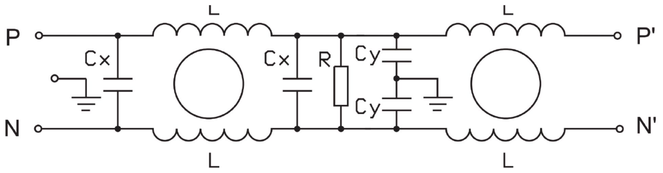
- Designed specifically to suppress noise on DC power lines
- Dual-stage enhanced filter, stronger differential mode filtering effect
- Equipped with differential mode filtering inductor, it exhibits excellent low-frequency performance
- It is suitable for various electronic devices supplied with DC power, such as communication equipment, base stations, repeaters, programmable switches, copy machines optical terminal equipment, and switch power supplies

技术参数/Specification

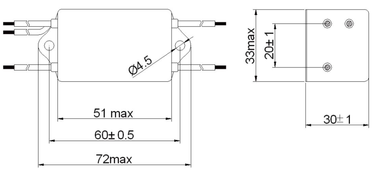
最高工作电压 Maximum operating voltage (VAC)	工作频率 Operating frequency Hz	试验电压 Hipot test voltage		工作温度 Operating temperature	绝缘电阻 Minimum insulation resistance
		P-N(VDC)	PN-E(VDC)		
250	DC	1000	1000	-25~+85°C	>200M @500VDC

产品型号 FILTER	端接方式 Connections			额定电流 Current rating (@40°C) A	外形尺寸 Housing	泄漏电流 Leakage current	电路参数 Components			
							L(mH)	Cx(uF)	Cy(nF)	R(MΩ)
ME410D-1	/W	---	---	1	A1	<0.3mA	7.8	100	2.2	1.0
ME410D-3	/W	---	---	3	A1	<0.3mA	2.5	100	2.2	1.0
ME410D-6	/W	---	---	6	A1	<0.3mA	1.0	100	2.2	1.0
ME410D-10	---	/L	/M	10	H1	<0.3mA	0.5	220	2.2	1.0
ME410D-20	---	/L	/M	20	H5	<0.5mA	0.3	220	4.7	1.0
ME410D-30	---	---	/M	30	J	<0.5mA	0.28	470	4.7	0.47
ME410D-40	---	---	/M	40	Q	<1.0mA	0.2	470	10	0.47
ME410D-50	---	---	/M	50	Q	<1.0mA	0.2	470	10	0.47

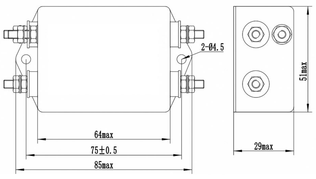
电路原理图/Circuit Diagram



外型尺寸/Housing and dimensions:（mm）



A1



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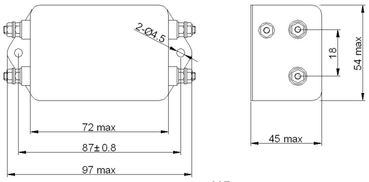
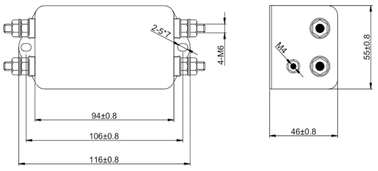
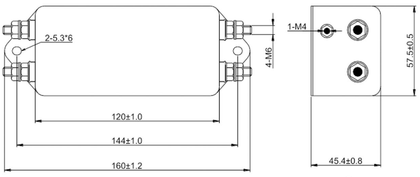


H5

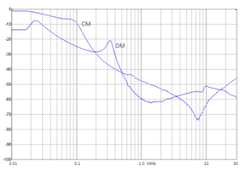


J

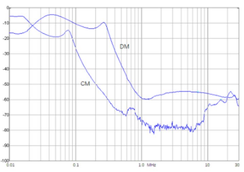


Q

插入损耗/Insertion loss in dB (In 50/50Ω System)



1A



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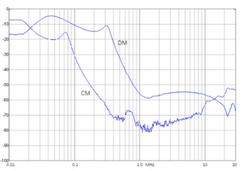

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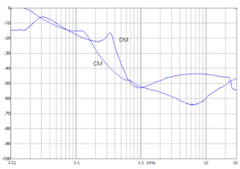

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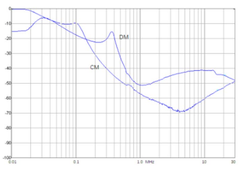

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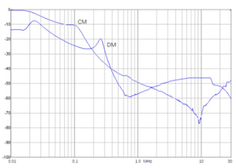

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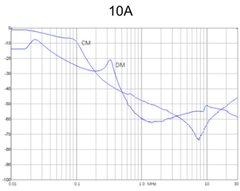

50A