ME710D列直流三节电源滤波器

ME710D column DC three-section power supply filter

产品及应用/products applications

- 专为抑制直流电源线上的噪声设计
- 三节高性能型，具有差模滤波电感
- 低频性能优良
- 适用于逆变、伺服、变频、焊机、加油机等工业设备干扰问题较为严重的场合

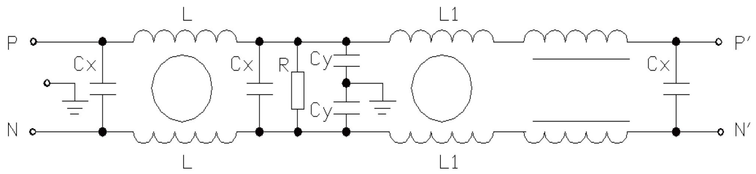
- Designed specifically to suppress noise on DC power lines
- Three-stage high-performance type with differential mode filtering inductor
- Excellent low-frequency performance
- Suitable for inverter, servo, frequency conversion, welding machine, petrol dispenser and other industrial equipment interference problem is more serious occasions

技术参数/Specification

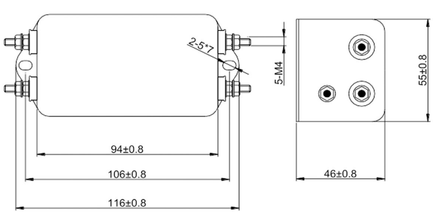
最高工作电压 Maximum operating voltage (VAC)	工作频率 Operating frequency Hz	试验电压 Hipot test voltage		工作温度 Operating temperature	绝缘电阻 Minimum insulation resistance
		P-N(VDC)	PN-E(VDC)		
250	DC	1000	1000	-25~+85°C	>200M @500VDC

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					重量 Weight(g)
						L(mH)	L1(uH)	Cx(uF)	Cy(nF)	R(MΩ)	
ME710D-1	/L	/M	1	J	<0.5mA	8.0	200	0.22	4.7	1.0	450
ME710D-3	/L	/M	3	J	<0.5mA	6.0	180	0.22	4.7	1.0	450
ME710D-6	/L	/M	6	J	<0.5mA	3.0	150	0.47	4.7	1.0	450
ME710D-10	/L	/M	10	J	<0.5mA	1.5	90	0.47	4.7	1.0	450
ME710D-20	/L	/M	20	Q	<0.5mA	1.0	65	0.47	4.7	1.0	450
ME710D-30	---	/M	30	G	<0.5mA	0.5	40	1.0	4.7	1.0	450
ME710D-40	---	/M	40	G	<1.0mA	0.5	30	2.2	10	0.47	450
ME710D-50	---	/M	50	G	<1.0mA	0.5	20	2.2	10	0.47	450
ME710D-75	---	/M	75	N10	<2.0mA	0.25	15	4.4	20	0.47	1000
ME710D-100	---	/M	100	N10	<2.0mA	0.2	15	4.4	20	0.47	1000

电路原理图/Circuit Diagram



外型尺寸/Housing and dimensions:（mm）



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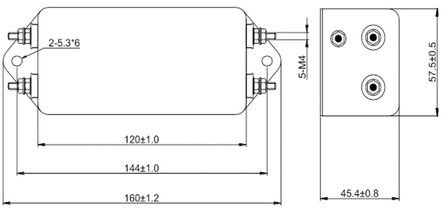

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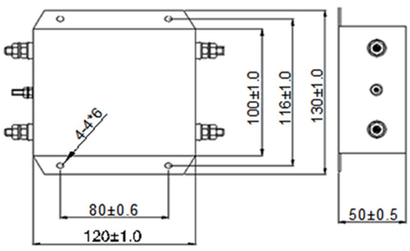

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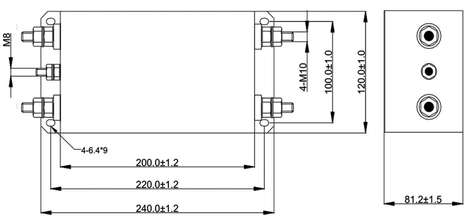
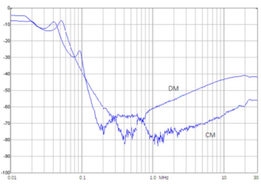


N10

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



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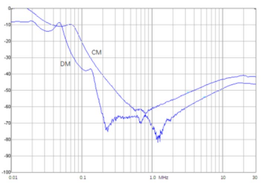

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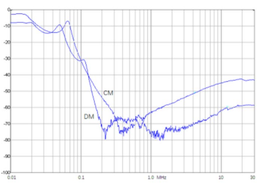

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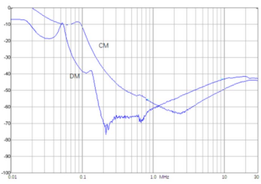

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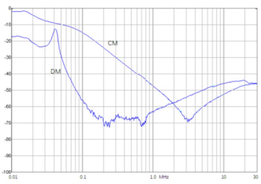

50A