

- ▲ 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



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

产品型号 FILTER	端接方式		额定电流 Current rating (@40℃) A	外型尺寸 Housing	电路参数 Components				重量 Weight
					L (mH)	L1(uH)	Cx(uF)	Cy(nF)	
YB710D-1	L	M4	1A	J	8.0	200	0.22	4.7	450
YB710D-3	L	M4	3A	J	6.0	180	0.22	4.7	450
YB710D-6	L	M4	6A	J	3.0	150	0.22	4.7	450
YB710D-10	L	M4	10A	J	1.5	90	0.22	4.7	450
YB710D-16	L	M4	16A	J/Q	1.5	90	0.22	4.7	450
YB710D-20	L	M4	20A	J/Q	1.0	65	0.47	4.7	450
YB710D-30	---	M6	30A	G	0.5	40	1.0	4.7	1000
YB710D-40	---	M6	40A	G	0.4	30	2.2	10	1000
YB710D-50	---	M6	50A	G/F	0.3	20	2.2	10	1000
YB710D-75	---	M8	75A	N10	0.25	15	4.4	20	2500
YB710D-100	---	M8	100A	N10	0.2	15	4.4	20	2500

The diagram shows an equivalent circuit for a transformer. It consists of two main sections, each representing a winding. The primary winding (left) has inductance L and is connected to terminals P and N . It includes a capacitor C_x in parallel with the inductor, and a series combination of a resistor R and two capacitors C_y in parallel. The secondary winding (right) has inductance L_1 and is connected to terminals P' and N' . It also includes a capacitor C_x in parallel with the inductor. The two windings are magnetically coupled, represented by a circle with a dot in the center of each winding section.

Technical drawings of various EMI filter models, showing dimensions in mm.

Model J: Front view shows a width of 114 max and a height of 57.5 max. Side view shows a width of 46 max. Top view shows a width of 94 max and a height of 103 ± 0.8.

Model Q: Front view shows a width of 156 max and a height of 60 max. Side view shows a width of 50 max. Top view shows a width of 125 max and a height of 144 ± 1.0.

Model G: Front view shows a width of 120 max and a height of 130 max. Side view shows a width of 50 max. Top view shows a width of 50 ± 0.6 and a height of 115 ± 1. Mounting holes are 4-M8.

Model F: Front view shows a width of 135 max and a height of 62 max. Side view shows a width of 62 max. Top view shows a width of 90 ± 1.0 and a height of 120 ± 1. Mounting holes are 4-M8.

Model N10: Front view shows a width of 240 and a height of 120. Side view shows a width of 80 and a height of 45. Top view shows a width of 200 and a height of 100 ± 1. Mounting holes are 6.4 × 9 and M8. The filter is labeled "EMI Filters" with "LINE" and "LOAD" terminals.