

10.03.2015 / AS

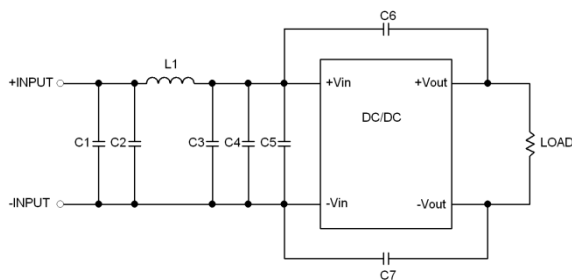
## EMI filter proposal for EN55022

### TEN 60N/WIN Series

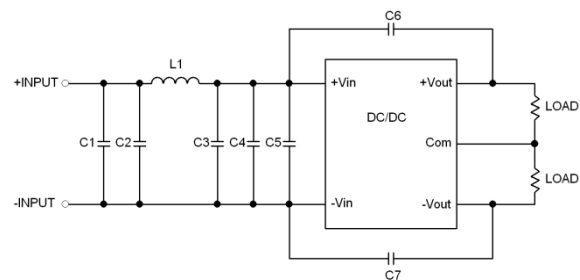
Recommended external EMI filter for EN55022 class A:

Model	C1, C4	C2, C3, C5	C6, C7	L1
TEN 60-12xxN TEN 60-24xxN TEN 60-24xxWIN	6.8 $\mu$ F/50V 1812 MLCC	N/A	1000pF/2kV 1206 MLCC	3.3 $\mu$ H; 10A SMD inductor TCK-102
TEN 60-48xxN TEN 60-48xxWIN	4.7 $\mu$ F/100V 1812 MLCC	N/A	1000pF/2kV 1206 MLCC	12 $\mu$ H; 4A SMD inductor TCK-112

Single output:



Dual output:

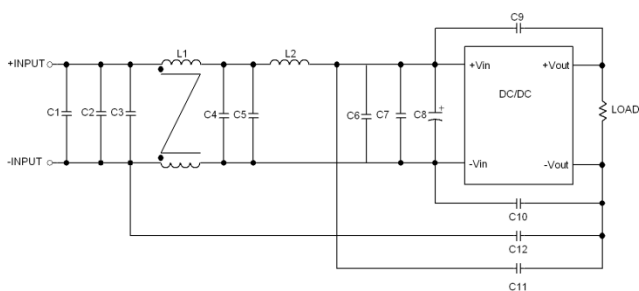


Recommended external EMI filter for EN55022 class B:

Model	C1, C7	C2	C3, C4, C5	C6	C8
TEN 60-12xxN TEN 60-24xxN TEN 60-24xxWIN	6.8 $\mu$ F/50V 1812 MLCC	N/A	N/A	N/A	15 $\mu$ F/100V Al cap. (lie down) Chemi-con KY
	C9, C10	C11	C12	L1	L2
	1000pF/2kV 1206 MLCC	N/A	N/A	305 $\mu$ H Common choke TCK-101	3.3 $\mu$ H; 10A SMD inductor TCK-102

Model	C1, C7	C2	C3, C4, C5	C6	C8
TEN 60-48xxN TEN 60-48xxWIN	4.7 $\mu$ F/100V 1812 MLCC	4.7 $\mu$ F/100V 1812 MLCC	N/A	2.2 $\mu$ F/100V 1812MLCC	15 $\mu$ F/100V Al cap. (lie down) Chemi-con KY
	C9, C10	C11	C12	L1	L2
	1000pF/2kV 1206 MLCC	680pF/2kV 1206 MLCC	2200pF/2kV 1808 MLCC	735 $\mu$ H Common choke TCK-113	12 $\mu$ H; 4A SMD inductor TCK-112

Single output:



Dual Output

