MORNSUN®

FL2D-XX-XXX Series **Common Mode Filter**

This model applies to analog Circuit which is noise-sensitive. FL2D-XX-XXX put on to the input of module can substantially reduce the ripple and noise of the output module. ,and it can substantially improve the EMS performance



RoHS

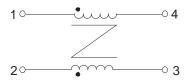
FEATURES

- 1. Compact size
- 2. Low Temperature Rise

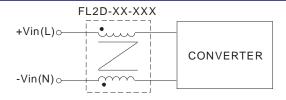
SELECTION GUIDE									
Model	Inductance (µH) (typ)	Current (A)(max)	DCR(mΩ) (typ)	Weight (g) (typ)	Size(L*W*H) (max)				
FL2D-Z5-103	10000*2	0.5	500*2	3.5	See Figure 1				
FL2D-Z5-153	15000*2	0.5	600*2	3.5	See Figure 1				
FL2D-10-102	1000*2	1	50*2	3.5	See Figure 1				
FL2D-10-222	2200*2	1	60*2	3.5	See Figure 1				
FL2D-10-332	3300*2	1	80*2	3.5	See Figure 1				
FL2D-10-472	4700*2	1	140*2	6.5	See Figure 2				
FL2D-10-682	6800*2	1	160*2	6.5	See Figure 2				
FL2D-10-822	8200*2	1	180*2	6.5	See Figure 2				
FL2D-30-102	1000*2	3	40*2	3.5	See Figure 1				
FL2D-30-222	2200*2	3	42*2	3.5	See Figure 1				

COMMON SPECIFICATIONS							
Item Test Conditions	Min.	Тур.	Max.	Unit			
Inductance error range fo=10KHz, Uo=0.1V	-35			%			
Withstand voltage Leakage current Io=1mA			2000	VDC			
Storage Humidity			95	%			
Operating Temperature	-40		85				
Storage Temperature	-55		125	℃			
Soldering Temperature 1.5mm from skeleton for 10 seconds			300				
Note: All specifications measured at Ta=25°C, humidity<75% unless otherwise specified.							

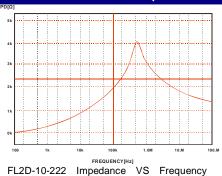
INSIDE SCHEMATIC

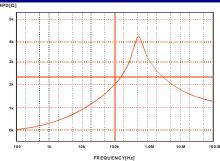


APPLY CIRCUIT



ATTENUATION SPECIFICATIONS(REFERENCE VALUE)





FL2D-30-222 Impedance VS Frequency

OUTLINE DIMENSIONS

Figure 1

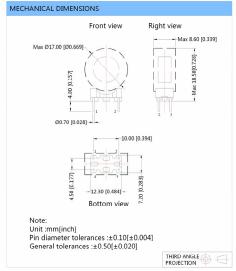
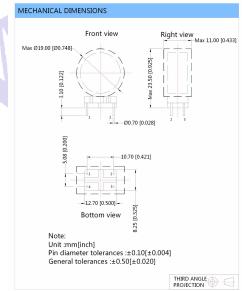




Figure 2





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