



RoHS

## 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

### FEATURES

1. Compact size
2. Low Temperature Rise

### SELECTION GUIDE

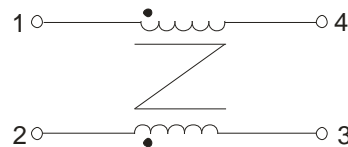
Model	Inductance (μH) (typ)	Current (A)(max)	DCR(mΩ) (typ)	Weight (g) (typ)	Size(L*W*H) (max)
FL2D-Z5-103	10000*2	0.5	500*2	3.5	See Figure 1
FL2D-Z5-153	15000*2	0.5	600*2	3.5	See Figure 1
FL2D-10-102	1000*2	1	50*2	3.5	See Figure 1
FL2D-10-222	2200*2	1	60*2	3.5	See Figure 1
FL2D-10-332	3300*2	1	80*2	3.5	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

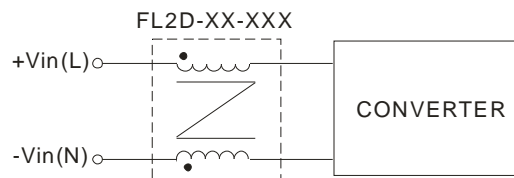
Item	Test Conditions	Min.	Typ.	Max.	Unit
Inductance error range	fo=10KHz, Uo=0.1V	-35	--	--	%
Withstand voltage	Leakage current Io=1mA	--	--	2000	VDC
Storage Humidity		--	--	95	%
Operating Temperature		-40	--	85	°C
Storage Temperature		-55	--	125	
Soldering Temperature	1.5mm from skeleton for 10 seconds	--	--	300	

Note: All specifications measured at Ta=25°C, humidity<75% unless otherwise specified.

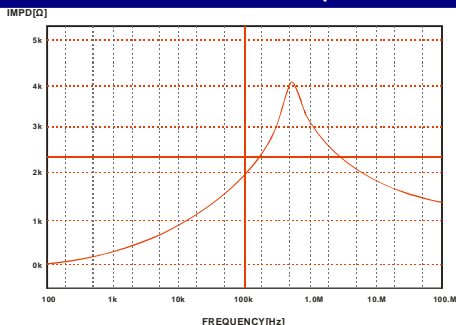
### INSIDE SCHEMATIC



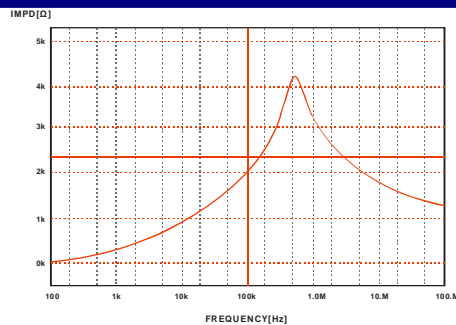
### APPLY CIRCUIT



## ATTENUATION SPECIFICATIONS(REFERENCE VALUE)



FL2D-10-222 Impedance VS Frequency



FL2D-30-222 Impedance VS Frequency

## OUTLINE DIMENSIONS

Figure 1

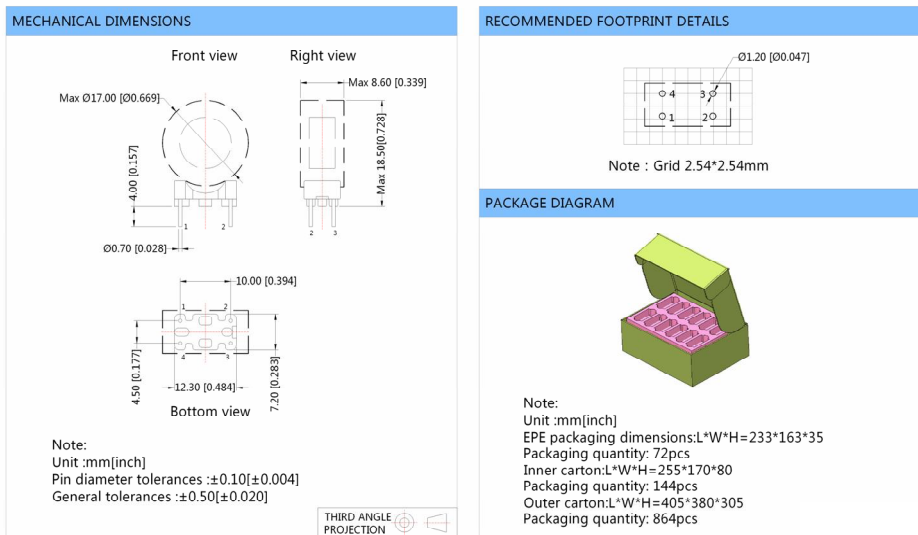
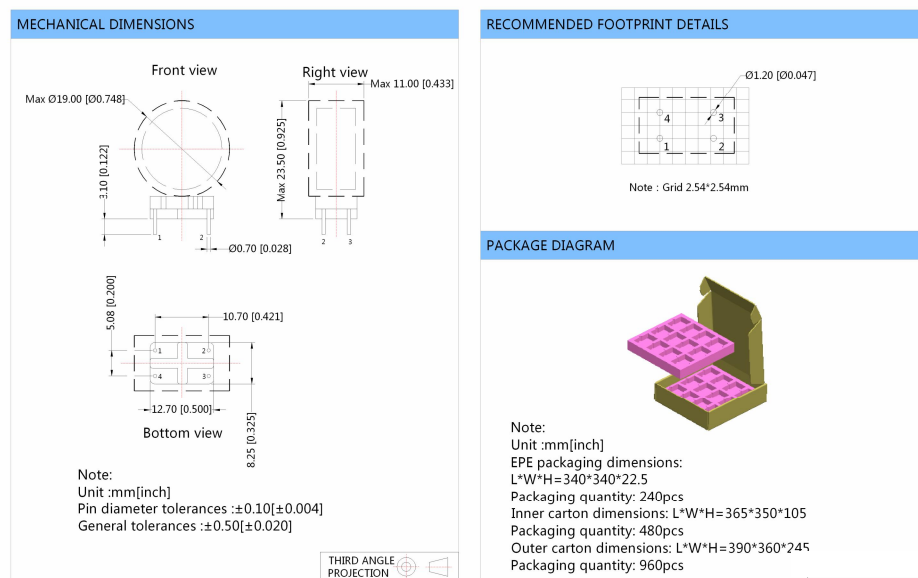


Figure 2



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