

DQREXS

FILTER OEM/ODM

13 Years+Production Experience

Escort for EMC testing



- Single-phase AC two-stage high performance power supply filter
- Rated current: 3-20A
- Install way: Power line, plug and screw

Specification

- Rated Voltage: 110VAC-250VAC
- Working frequency: 50/60HZ
- Rated Current: 3A-20A
- Withstand test voltage: 1750VAC
- Temperature range: -25°C~85°C
- Certificate: CQC,CE,ROHS
- Fire resistance: UL 94V-0

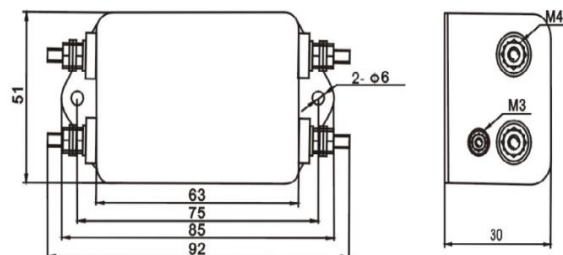
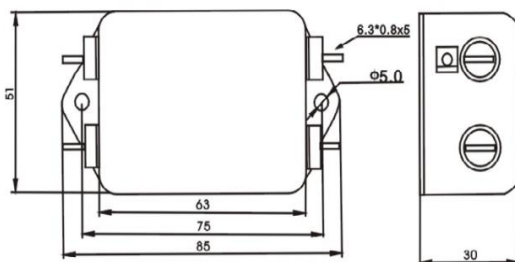
Characteristic

- Using 2 stage filter circuit design, excellent attenuation ability of common mode and differential mode signal, 3 install way.
- It is good effective to solve the high frequency interference of 10Khz-30MHZ.
- There are a variety of parts combination allocation, to meet the requirement for testing different equipment.
- Can be customize according to customer requirements.

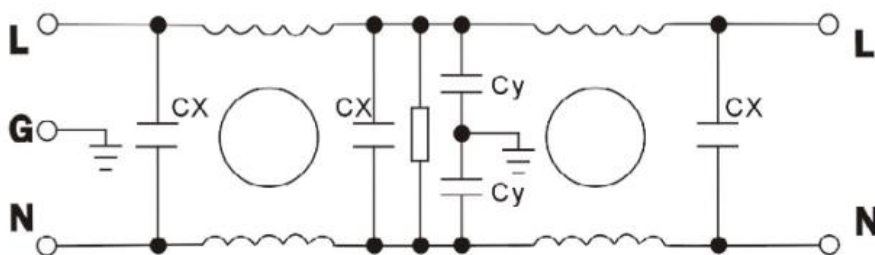
Application

- Laser cutting equipment
- Electrical and electronic equipment
- Industrial automation device
- Control equipment
- Recreational Fitness Athletics Equipment

Products size



Electric schematic



Specification

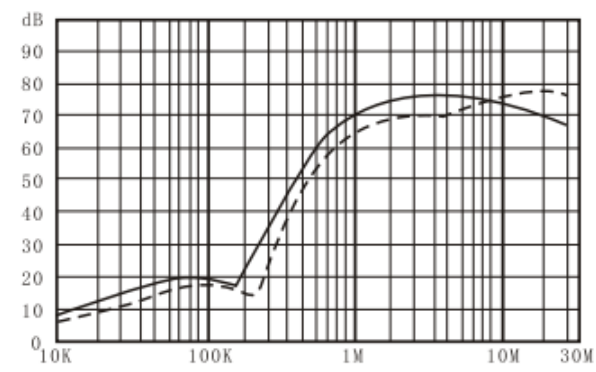
Model No. (A)	Rated current(A)	leakage current(mA)	Inductance (mH)	Capacitor		Resistor [k Ω]	Weight (g)
				Cx [pF]	Cy [nF]		
DEA4-3A	3	≤0.8	5.0	0.22	4.7	1000	170
DEA4-6A	6	≤0.8	3.5	0.22	4.7	1000	170
DEA4-10A	10	≤0.8	1.5	0.22	4.7	1000	170
DEA4-16A	16	≤0.8	1.3	0.22	4.7	1000	180
DEA4-20A	20	≤0.8	0.8	0.22	4.7	1000	180

Insertion Loss

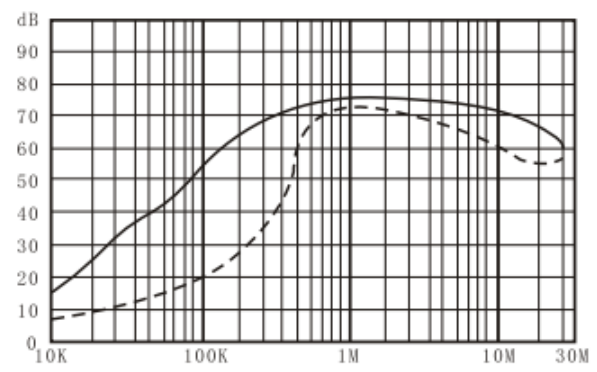
Specification	dB	Frequency (MHz)					
		0.15	0.5	1	5	10	30
DEA4-3A	Common mode	18	53	70	76	74	68
	Differential mode	17	48	64	70	76	77
DEA4-6A	Common mode	60	72	76	75	71	61
	Differential mode	25	60	72	68	60	58
DEA4-10A	Common mode	35	60	68	69	64	65
	Differential mode	19	50	64	63	58	59
DEA4-16A	Common mode	54	71	80	70	64	64
	Differential mode	30	70	76	60	61	64
DEA4-20A	Common mode	54	71	80	70	64	64
	Differential mode	30	70	76	60	61	64

Insertion Loss

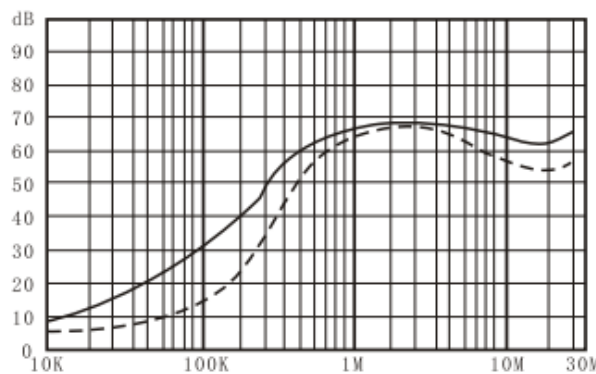
———— (Common Mode) - - - - - (Differential Mode)



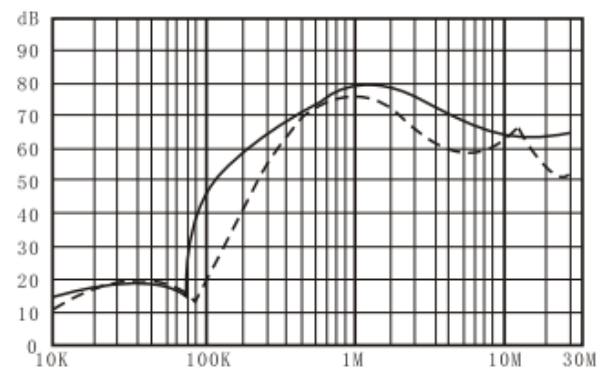
DEA4-3A



DEA4-6A



DEA4-10A



DEA4-16A/20A