

直流溃通电容 DF1151-X-55

■ 特点

体积小，电流范围宽
高低频性能优异

■ 用途

用于通讯设备等需要抑制高频干扰的场合。

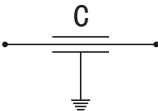


■ 技术参数

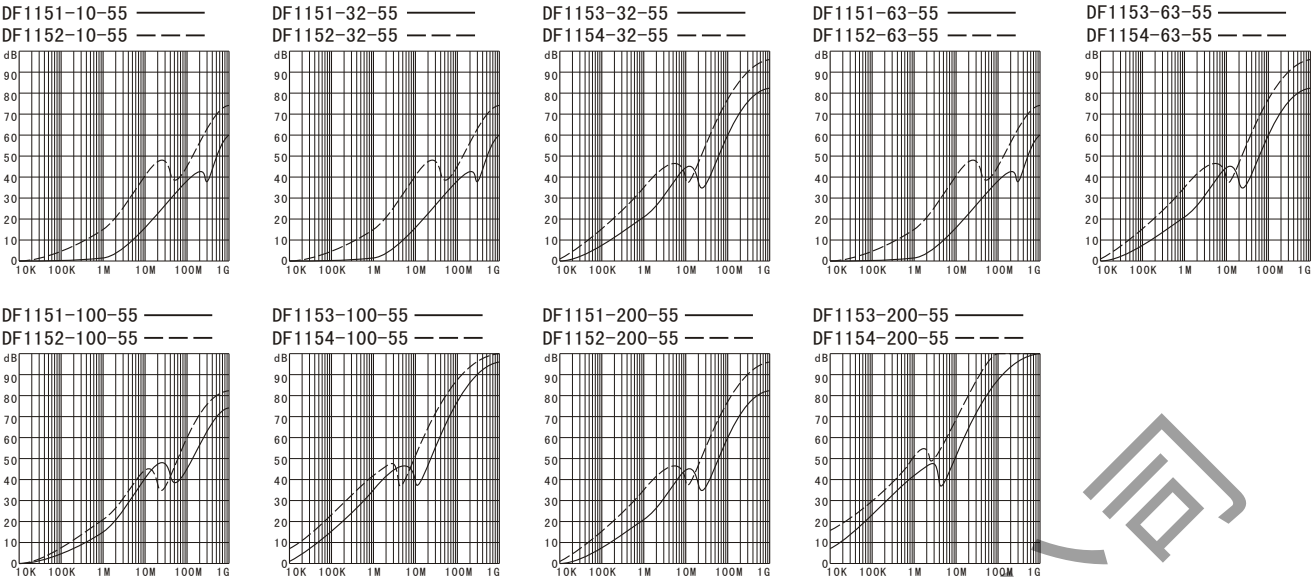
额定电压：250VDC 工作/储存环境温度：-25~+85℃/-40~85℃
绝缘电阻：≥1500s(MΩ·uF, 端子到地/100VDC) 耐电压（一分钟）：端子—地：1000VDC

型号	额定电流 (@40℃)	元件参数（供参考）	接线端螺纹	
		C (nF) (±20%)		
DF1151-10-55	10A	10	M3	
DF1152-10-55	10A	47	M3	
DF1151-32-55	32A	10	M4	
DF1152-32-55	32A	47	M4	
DF1153-32-55	32A	100	M4	
DF1154-32-55	32A	470	M4	
DF1151-63-55	63A	10	M6	
DF1152-63-55	63A	47	M6	
DF1153-63-55	63A	100	M6	
DF1154-63-55	63A	470	M6	
DF1151-100-55	100A	47	M8	
DF1152-100-55	100A	100	M8	
DF1153-100-55	100A	470	M8	
DF1154-100-55	100A	1000	M8	
DF1151-200-55	200A	100	M10	
DF1152-200-55	200A	470	M10	
DF1153-200-55	200A	1000	M10	
DF1154-200-55	200A	4700	M10	

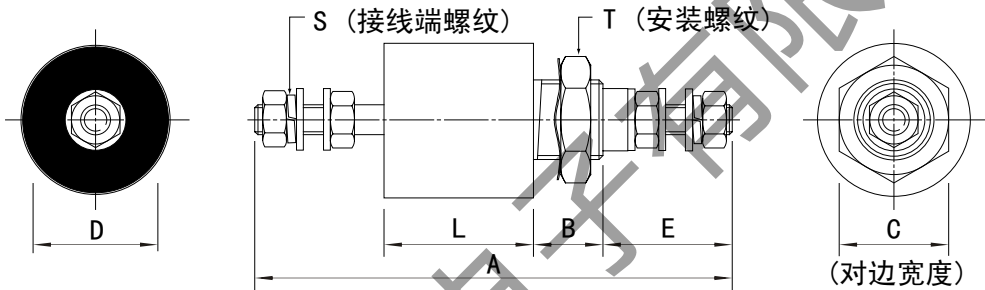
■ 电原理图



■ 典型衰减特性（插入损耗） CISPR17/50Ω 测试系统



■ 外形尺寸（单位：毫米）



型号	外形尺寸						螺纹	
	直径 D	长度 L	总长 A	B	C	E	安装 T	接线端 S
DF1151-10-55	15	18	57	10	13	16	M10×1	M3
DF1152-10-55	15	18	57	10	13	16	M10×1	M3
DF1151-32-55	20	18	63	12	17	18	M12×1	M4
DF1152-32-55	20	30	75	12	17	18	M12×1	M4
DF1153-32-55	20	30	75	12	17	18	M12×1	M4
DF1154-32-55	32	33	82	16	27	18	M20×1	M4
DF1151-63-55	25	30	96	14	22	26	M16×1	M6
DF1152-63-55	25	30	96	14	22	26	M16×1	M6
DF1153-63-55	25	30	96	14	22	26	M16×1	M6
DF1154-63-55	32	33	101	16	27	26	M20×1	M6
DF1151-100-55	32	33	113	16	27	32	M20×1	M8
DF1152-100-55	32	33	113	16	27	32	M20×1	M8
DF1153-100-55	32	33	113	16	27	32	M20×1	M8
DF1154-100-55	38	50	133	19	27	32	M24×1	M8
DF1151-200-55	32	33	130	19	27	40	M24×1	M10
DF1152-200-55	32	33	130	19	27	40	M24×1	M10
DF1153-200-55	38	50	147	19	27	40	M24×1	M10
DF1154-200-55	54	68	165	19	40	40	M30×1.5	M10



DC Feedthrough Capacitance

DF1151-X-55

■ Features

- Large current
- High attenuation to low frequency

■ Applications

- Input of electronic instruments system, suppress the electromagnetic interference on wide band, suited in applications of communications

Applications: Power electronics、Consumer electronics、Medical equipments、
Telecommunication、Test equipments

■ Technical data

Rated voltage : 250VDC

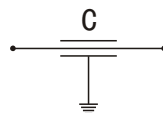
Climatic category : -25~+85℃/-40~+85℃

Insulation resistance : $\geq 1500s(M\Omega, \mu F)$, between terminal and ground / 100VDC

Test voltage(1 min): between terminal and ground: 1000VDC

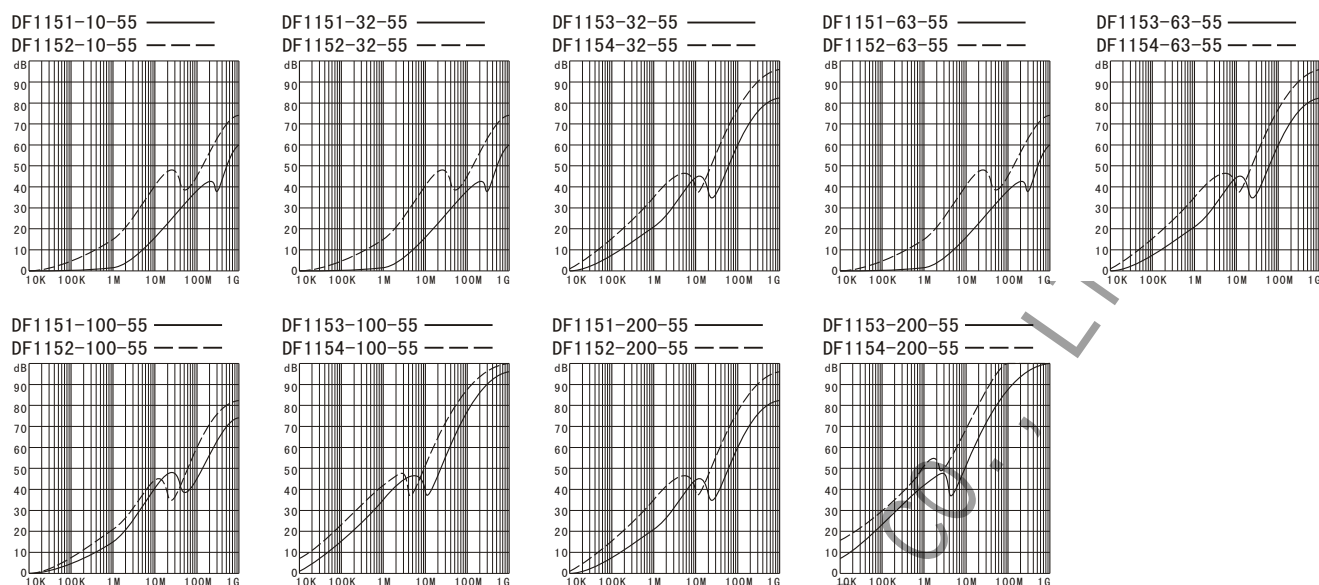
Model	Rated current (@40℃)	Component parameters (for reference)	Screw terminal connections	
		C (nF) ($\pm 20\%$)		
DF1151-10-55	10A	10	M3	
DF1152-10-55	10A	47	M3	
DF1151-32-55	32A	10	M4	
DF1152-32-55	32A	47	M4	
DF1153-32-55	32A	100	M4	
DF1154-32-55	32A	470	M4	
DF1151-63-55	63A	10	M6	
DF1152-63-55	63A	47	M6	
DF1153-63-55	63A	100	M6	
DF1154-63-55	63A	470	M6	
DF1151-100-55	100A	47	M8	
DF1152-100-55	100A	100	M8	
DF1153-100-55	100A	470	M8	
DF1154-100-55	100A	1000	M8	
DF1151-200-55	200A	100	M10	
DF1152-200-55	200A	470	M10	
DF1153-200-55	200A	1000	M10	
DF1154-200-55	200A	4700	M10	

■ Circuit diagram

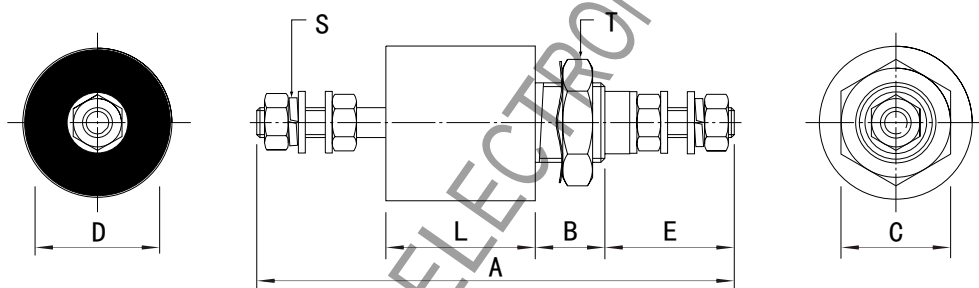


- Above specifications is only for reference, if any changes, we will not inform.
- Before you order, please contact us to ask the latest edited specifications for approval, and know the details of the products.

■ Typical values (Insertion Loss) CISPR17/50Ω Test System



■ Dimensional Drawing (unit:mm)



Model	Dimensional Drawing code						Thread	
	Diameter(D)	Lenth(L)	The total lenth A	B	C	E	Assemble(T)	Terminal(S)
DF1151-10-55	15	18	57	10	13	16	M10×1	M3
DF1152-10-55	15	18	57	10	13	16	M10×1	M3
DF1151-32-55	20	18	63	12	17	18	M12×1	M4
DF1152-32-55	20	30	75	12	17	18	M12×1	M4
DF1153-32-55	20	30	75	12	17	18	M12×1	M4
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DF1151-63-55	25	30	96	14	22	26	M16×1	M6
DF1152-63-55	25	30	96	14	22	26	M16×1	M6
DF1153-63-55	25	30	96	14	22	26	M16×1	M6
DF1154-63-55	32	33	101	16	27	26	M20×1	M6
DF1151-100-55	32	33	113	16	27	32	M20×1	M8
DF1152-100-55	32	33	113	16	27	32	M20×1	M8
DF1153-100-55	32	33	113	16	27	32	M20×1	M8
DF1154-100-55	38	50	133	19	27	32	M24×1	M8
DF1151-200-55	32	33	130	19	27	40	M24×1	M10
DF1152-200-55	32	33	130	19	27	40	M24×1	M10
DF1153-200-55	38	50	147	19	27	40	M24×1	M10
DF1154-200-55	54	68	165	19	40	40	M30×1.5	M10

