

# 交流滤通电容 AF1151-X-55

## ■ 特点

体积小巧，电流范围宽

高频性能优异



## ■ 用途

用于通讯设备等需要抑制高频干扰的场合。

## ■ 技术参数

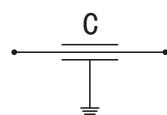
额定电压：250VAC 50/60Hz

工作/储存环境温度：-25~+85°C/-40~85°C

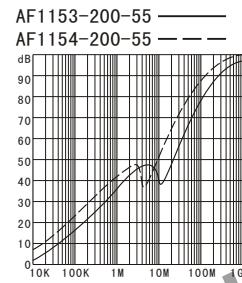
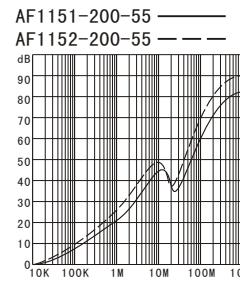
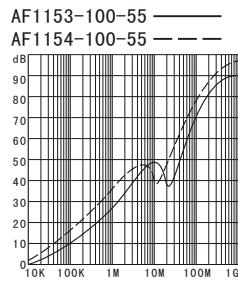
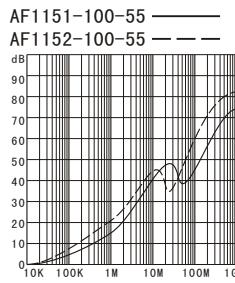
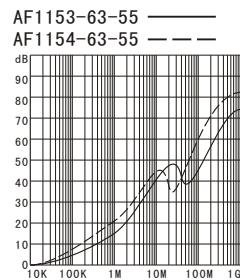
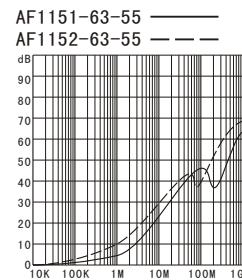
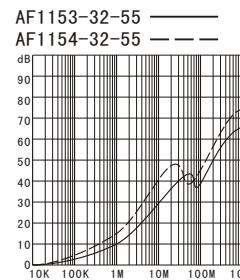
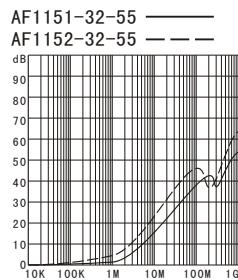
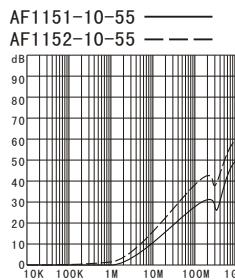
绝缘电阻： $\geq 1500\text{M}\Omega \cdot \mu\text{F}$  (端子到地/500VDC) 耐电压(一分钟)：端子—地：1500VAC或2250VDC

型号	额定电流 (@40°C)	泄漏电流 250VAC/50Hz	元件参数(供参考)	
			C(nF)(±20%)	接线端螺纹
AF1151-10-55	10A	<0.23mA	2.2	M3
AF1152-10-55	10A	<0.49mA	4.7	M3
AF1151-32-55	32A	<0.49mA	4.7	M4
AF1152-32-55	32A	<1.0mA	10	M4
AF1153-32-55	32A	<2.3mA	22	M4
AF1154-32-55	32A	<4.9mA	47	M4
AF1151-63-55	63A	<1.0mA	10	M6
AF1152-63-55	63A	<2.3mA	22	M6
AF1153-63-55	63A	<4.9mA	47	M6
AF1154-63-55	63A	<10mA	100	M6
AF1151-100-55	100A	<4.9mA	47	M8
AF1152-100-55	100A	<10mA	100	M8
AF1153-100-55	100A	<23mA	220	M8
AF1154-100-55	100A	<49mA	470	M8
AF1151-200-55	200A	<10mA	100	M10
AF1152-200-55	200A	<23mA	220	M10
AF1153-200-55	200A	<49mA	470	M10
AF1154-200-55	200A	<100mA	1000	M10

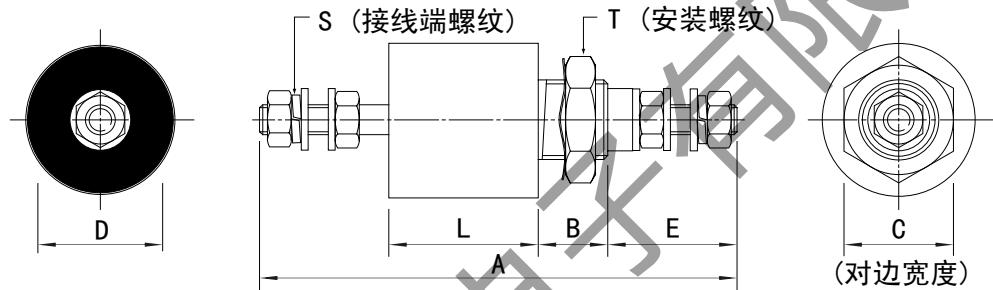
## ■ 电原理图



## ■ 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
AF1151-10-55	15	18	57	10	13	16	M10×1	M3
AF1152-10-55	15	18	57	10	13	16	M10×1	M3
AF1151-32-55	20	18	63	12	17	18	M12×1	M4
AF1152-32-55	20	18	63	12	17	18	M12×1	M4
AF1153-32-55	20	30	75	12	17	18	M12×1	M4
AF1154-32-55	20	30	75	12	17	18	M12×1	M4
AF1151-63-55	25	30	96	14	22	26	M16×1	M6
AF1152-63-55	25	30	96	14	22	26	M16×1	M6
AF1153-63-55	25	30	96	14	22	26	M16×1	M6
AF1154-63-55	25	30	96	14	22	26	M16×1	M6
AF1151-100-55	32	33	113	16	27	32	M20×1	M8
AF1152-100-55	32	33	113	16	27	32	M20×1	M8
AF1153-100-55	38	33	116	19	27	32	M24×1	M8
AF1154-100-55	38	50	133	19	27	32	M24×1	M8
AF1151-200-55	38	33	130	19	27	40	M24×1	M10
AF1152-200-55	38	33	130	19	27	40	M24×1	M10
AF1153-200-55	54	50	147	19	40	40	M30×1.5	M10
AF1154-200-55	54	50	147	19	40	40	M30×1.5	M10



深圳市坚力电子有限公司  
SHENZHEN JIANLI ELECTRONIC CO.,LTD.

# AC Feedthrough Capacitance AF1151-X-55

## ■ Features

- Compact high current
- High attenuation to high 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

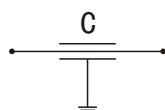
Rated voltage: 250VAC 50/60Hz      Climatic category: -25~+85°C/-40~+85°C

Insulation resistance:  $\geq 1500\text{s} (\text{M}\Omega, \mu\text{F}, \text{between terminal and ground}) / 500\text{VDC}$

Test voltage(1 min): terminal/terminal: 1500VDC; between terminal and ground: 1500VAC or 2250VDC

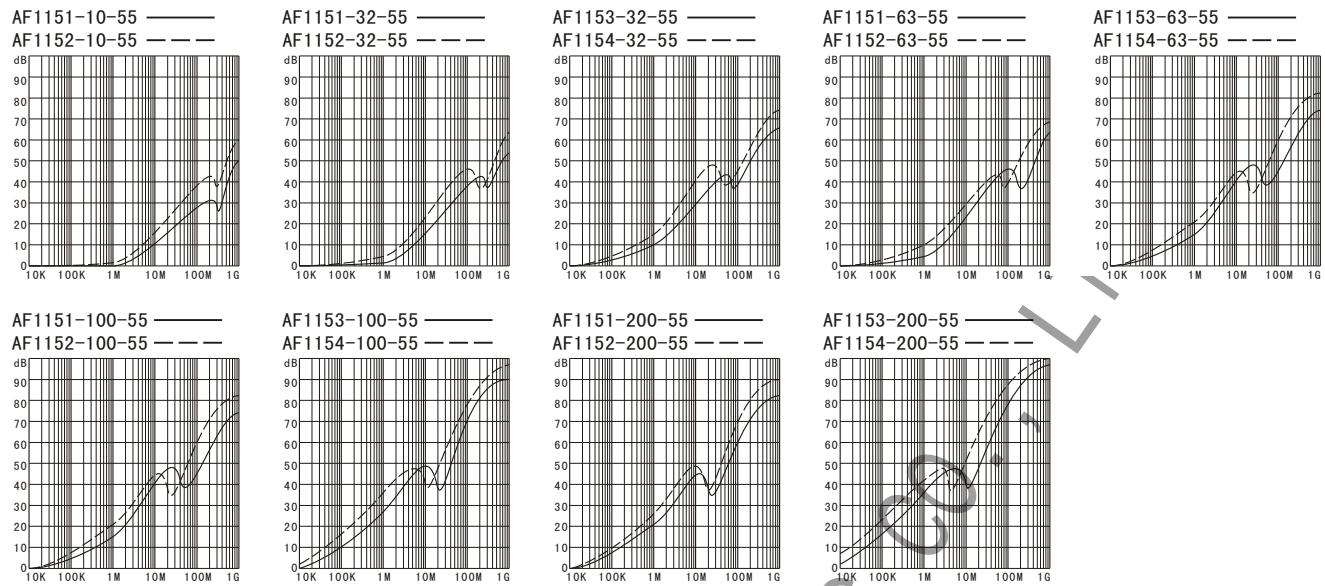
Model	Rated current (@40°C)	Leakage current 250VAC/50Hz	Component parameters (for reference)	Screw terminal connections
			C (nF) ( $\pm 20\%$ )	
AF1151-10-55	10A	<0.23mA	2.2	M3
AF1152-10-55	10A	<0.49mA	4.7	M3
AF1151-32-55	32A	<0.49mA	4.7	M4
AF1152-32-55	32A	<1.0mA	10	M4
AF1153-32-55	32A	<2.3mA	22	M4
AF1154-32-55	32A	<4.9mA	47	M4
AF1151-63-55	63A	<1.0mA	10	M6
AF1152-63-55	63A	<2.3mA	22	M6
AF1153-63-55	63A	<4.9mA	47	M6
AF1154-63-55	63A	<10mA	100	M6
AF1151-100-55	100A	<4.9mA	47	M8
AF1152-100-55	100A	<10mA	100	M8
AF1153-100-55	100A	<23mA	220	M8
AF1154-100-55	100A	<49mA	470	M8
AF1151-200-55	200A	<10mA	100	M10
AF1152-200-55	200A	<23mA	220	M10
AF1153-200-55	200A	<49mA	470	M10
AF1154-200-55	200A	<100mA	1000	M10

## ■ Circuit diagram

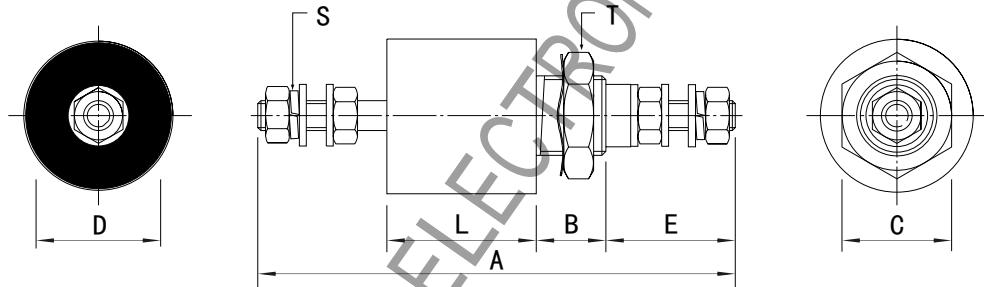


- Above specifications is only for reference, if any changes, we will not inform.
- Before you order, please contact us to ask the lastest edited specifications for approval, and know the details of the products.

## ■ 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)	
AF1151-10-55	15	18	57	10	13	13	16	M10×1	M3
AF1152-10-55	15	18	57	10	13	13	16	M10×1	M3
AF1151-32-55	20	18	63	12	17	17	18	M12×1	M4
AF1152-32-55	20	18	63	12	17	17	18	M12×1	M4
AF1153-32-55	20	30	75	12	17	17	18	M12×1	M4
AF1154-32-55	20	30	75	12	17	17	18	M12×1	M4
AF1151-63-55	25	30	96	14	22	22	26	M16×1	M6
AF1152-63-55	25	30	96	14	22	22	26	M16×1	M6
AF1153-63-55	25	30	96	14	22	22	26	M16×1	M6
AF1154-63-55	25	30	96	14	22	22	26	M16×1	M6
AF1151-100-55	32	33	113	16	27	27	32	M20×1	M8
AF1152-100-55	32	33	113	16	27	27	32	M20×1	M8
AF1153-100-55	38	33	116	19	27	27	32	M24×1	M8
AF1154-100-55	38	50	133	19	27	27	32	M24×1	M8
AF1151-200-55	38	33	130	19	27	27	40	M24×1	M10
AF1152-200-55	38	33	130	19	27	27	40	M24×1	M10
AF1153-200-55	54	50	147	19	40	40	40	M30×1.5	M10
AF1154-200-55	54	50	147	19	40	40	40	M30×1.5	M10



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