

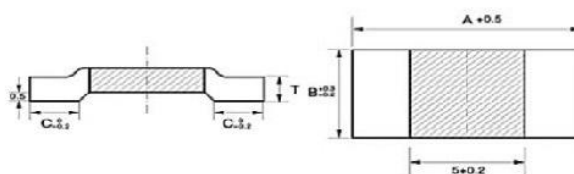
精密金属条片式分流器BFL型

Precision Metal Film Strip Chip Shunts

◆产品特点 FEATURES&APPLICATIONS

- 电子束焊接结构，性能稳定
- 符合欧盟ROHS标准
- 最大100A电流 (0.3mΩ)
- 电感值低于3nH
- E-Beam welded construction
- ROHS compliant
- Max 100A continuous operating current(0.3mΩ)
- The inductance less than 3nH

◆外形尺寸 DIMENSIONS

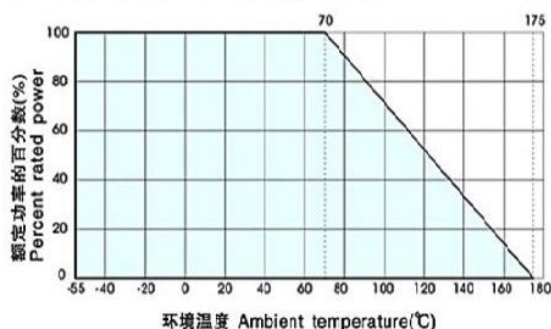


型号 Type	A	B	C	重量 Weight
BFL	10mm	5.2mm	2mm	0.2g

■应用范围 Applications

- 适用于大电流汽车
- 电流模块领域应用
- 有二端及四端引线结构
- Ideal for high current application for automobile market
- Power modules
- 2-Terminal or 4-Terminal connections

■降功耗曲线 Derating Curve



■执行标准 Reference Standards

Q/ATK061

◆技术说明 TECHNICAL SPECIFICATIONS

型号 Type	电阻值 Resistance	厚度* T(mm)	电阻材料 Material
BFL	0.3mΩ	1.42	Manganin
	0.5mΩ	0.86	
	1mΩ	0.42	
	1mΩ	1.3	Aluchrom
	2mΩ	0.64	
	3mΩ	0.43	
	4mΩ	0.32	

◆特性 CHARACTERISTICS

试验项目 Test item	性能要求 Specifications	试验方法 Test Methods
热冲击 Thermal Shock	< ±(0.1%+0.5Ω)	-55°C / 175°C, 30min, 5cycles
过负载 Over Load	< ±(0.2%+0.5Ω)	5P _n , 5S
耐焊接热 Leaching	< ±(0.2%+0.5Ω)	350±10°C, 3.5±0.5S
稳态湿热 Damp heat, Steady state	< ±(0.2%+0.5Ω)	40°C, RH93±3%, 56d
高频振动 Vibration	< ±(0.2%+0.5Ω)	10~2000Hz, 15g, 36cycles
耐久性 Load life	< ±(0.5%+0.5Ω)	70±2°C, P _n , 2000h
高温存放 High temperature Exposure	< ±(0.2%+0.5Ω)	175°C, 250h