

# Fuse Detail Specification

MODEL型号: PBU		Spec. 规格	Φ 3.6x10mm/F50mA-6.3A250V/Ceramic Tube Fuse	
Time-Current Characteristic(熔断特性): Fast-acting type		Standard(标准): IEC 60127-3		
		Functional Characteristics 电气特性		
		Testing current 测试电流	Blow time limit 熔断时间	
			Mix 最小	Max 最大
		150%	60min	—
		210%	—	30min
		275%	10ms	3sec
		400%	3ms	300ms
		1000%	—	20ms
		Safety Approvals 安全认证		
				
		VDE certified: 1A-5A UL recognized: 50mA-6.3A CCC certified: 1A-6.3A ; RoHS compliance		
Reference information		Materials 材料		
Ampere rating	Voltage rating	Nominal Melting I <sup>2</sup> t A <sup>2</sup> Sec	1. Wire ----- Alloy 2. End cap ----- brass with nickel plated 3. Fuse body ----- Ceramic tube 4. Lead ----- tin plated copper wire on nickel plated brass cap	
50mA	125V/250V	0.0005	Operating Temperature(工作温度)	
63mA		0.0008	-40°C to +85°C (consider de-rating)	
80mA		0.001	Stock Conditions(储存条件)	
100mA		0.0016	+10°C to +60°C; Relative humidity ≤75% yearly average; Without dew, maximum value for 30 days-95%	
125mA		0.0079	Solderability(焊接性)	
160mA		0.0128	260°C, ≤3s(wave); 350° C, ≤1S(soldering iron)	
200mA		0.02	Marking(印字)	
250mA		0.025	Approval logo's where appropriate; current rating, voltage rating are stamped on the fuse end caps	
315mA		0.03	Packing(包装)	
400mA		0.112	Bulk pack of 5000pcs per box(200 per plastic bag) for 3.6x10mm fuse	
500mA		0.13	Bulk pack of 5000pcs per box (1000 per plastic bag) for 5.2x20mm fuse	
630mA		0.202	Bulk pack of 2000pcs per box (500 per plastic bag) for 6x30mm fuse	
800mA		0.32	Mechanical strength(机械强度)	
1A		0.45	Body tensile strength: ≥3kg; lead tensile strength: ≥0.7kg	
1.25A		0.75	Torsional strength: ≥ 500g.cm	
1.6A		1.79	Temperature character(温升)	
2A	3.01	When 100% of rating the temperature rise doesn't exceed 75°C		
2.5A	5.15	Breaking capacity(熔断能力)		
3.15A	8.55	35A	250V	AC <3.5A
4A	14.56	10xIn	250V	AC >3.5A
5A	20.37			
6.3A	33.8			

P.S: Above nominal melting values are for your reference only.  
 For more information, please don't hesitate to contact the salesperson.