



Your Power Safeguard™  
您的电路安全卫士



Ⓜ 6FF ⚠️

Φ6.35x32mm, RoHS Compliant & Pb-Free  
CERAMIC TUBE FUSE (VERY FAST-ACTING)  
瓷保险丝管 (特快熔断型)

TECHNICAL PARAMETERS/ 技术参数:

CATALOG NO. 目录编号	CURRENT RATING 额定电流	SAFETY APPROVALS 安全认证							REFERENCE (A <sup>2</sup> ·Sec.) (RoHS) I <sup>2</sup> T 参考值
		UR/cUR				TÜV			
		H1	H2	H4	H5	H1	H2	H3	
6FF/6FF-1-0200H <sub>1</sub> /H <sub>2</sub> /H <sub>3</sub> /H <sub>4</sub> /H <sub>5</sub>	200mA	●	●	●	●	●	●	●	0.00573
6FF/6FF-1-0250H <sub>1</sub> /H <sub>2</sub> /H <sub>3</sub> /H <sub>4</sub> /H <sub>5</sub>	250mA	●	●	●	●	●	●	●	0.00926
6FF/6FF-1-0300H <sub>1</sub> /H <sub>2</sub> /H <sub>3</sub> /H <sub>4</sub> /H <sub>5</sub>	300mA	●	●	●	●	●	●	●	0.0152
6FF/6FF-1-0315H <sub>1</sub> /H <sub>2</sub> /H <sub>3</sub> /H <sub>4</sub> /H <sub>5</sub>	315mA	●	●	●	●	●	●	●	0.0168
6FF/6FF-1-0350H <sub>1</sub> /H <sub>2</sub> /H <sub>3</sub> /H <sub>4</sub> /H <sub>5</sub>	350mA	●	●	●	●	●	●	●	0.0208
6FF/6FF-1-0375H <sub>1</sub> /H <sub>2</sub> /H <sub>3</sub> /H <sub>4</sub> /H <sub>5</sub>	375mA	●	●	●	●	●	●	●	0.0241
6FF/6FF-1-0400H <sub>1</sub> /H <sub>2</sub> /H <sub>3</sub> /H <sub>4</sub> /H <sub>5</sub>	400mA	●	●	●	●	●	●	●	0.0203
6FF/6FF-1-0500H <sub>1</sub> /H <sub>2</sub> /H <sub>3</sub> /H <sub>4</sub> /H <sub>5</sub>	500mA	●	●	●	●	●	●	●	0.0342
6FF/6FF-1-0600H <sub>1</sub> /H <sub>2</sub> /H <sub>3</sub> /H <sub>4</sub> /H <sub>5</sub>	600mA	●	●	●	●	●	●	●	0.0386
6FF/6FF-1-0630H <sub>1</sub> /H <sub>2</sub> /H <sub>3</sub> /H <sub>4</sub> /H <sub>5</sub>	630mA	●	●	●	●	●	●	●	0.0406
6FF/6FF-1-0700H <sub>1</sub> /H <sub>2</sub> /H <sub>3</sub> /H <sub>4</sub> /H <sub>5</sub>	700mA	●	●	●	●	●	●	●	0.0532
6FF/6FF-1-0750H <sub>1</sub> /H <sub>2</sub> /H <sub>3</sub> /H <sub>4</sub> /H <sub>5</sub>	750mA	●	●	●	●	●	●	●	0.0763
6FF/6FF-1-0800H <sub>1</sub> /H <sub>2</sub> /H <sub>3</sub> /H <sub>4</sub> /H <sub>5</sub>	800mA	●	●	●	●	●	●	●	0.0925
6FF/6FF-1-010H <sub>1</sub> /H <sub>2</sub> /H <sub>3</sub> /H <sub>4</sub> /H <sub>5</sub>	1A	●	●	●	●	●	●	●	0.142
6FF/6FF-1-013H <sub>1</sub> /H <sub>2</sub> /H <sub>3</sub> /H <sub>4</sub> /H <sub>5</sub>	1.25A	●	●	●	●	●	●	●	0.218
6FF/6FF-1-015H <sub>1</sub> /H <sub>2</sub> /H <sub>3</sub> /H <sub>4</sub> /H <sub>5</sub>	1.5A	●	●	●	●	●	●	●	0.328
6FF/6FF-1-016H <sub>1</sub> /H <sub>2</sub> /H <sub>3</sub> /H <sub>4</sub> /H <sub>5</sub>	1.6A	●	●	●	●	●	●	●	0.411
6FF/6FF-1-020H <sub>1</sub> /H <sub>2</sub> /H <sub>3</sub> /H <sub>4</sub> /H <sub>5</sub>	2A	●	●	●	●	●	●	●	0.738
6FF-025H <sub>2</sub> /H <sub>3</sub>	2.5A					●	●		1.271
6FF-030H <sub>2</sub> /H <sub>3</sub>	3A					●	●		1.950
6FF-032H <sub>2</sub> /H <sub>3</sub>	3.15A					●	●		2.188
6FF-035H <sub>2</sub> /H <sub>3</sub>	3.5A					●	●		2.728
6FF-040H <sub>2</sub> /H <sub>3</sub>	4A					●	●		3.631
6FF-050H <sub>2</sub> /H <sub>3</sub>	5A					●	●		6.457
6FF-060H <sub>2</sub> /H <sub>3</sub>	6A					●	●		9.247
6FF-063H <sub>2</sub> /H <sub>3</sub>	6.3A					●	●		10.24
6FF-070H <sub>2</sub> /H <sub>3</sub>	7A					●	●		11.48
6FF-080H <sub>2</sub> /H <sub>3</sub>	8A					●	●		16.44
6FF-100H <sub>2</sub> /H <sub>3</sub>	10A					●	●		24.10
6FF-120H <sub>2</sub>	12A								33.85
6FF-125H <sub>2</sub>	12.5A								38.63
6FF-150H <sub>2</sub>	15A								55.28
6FF-160H <sub>2</sub>	16A								63.53
6FF-200H <sub>2</sub>	20A								76.21
6FF-250H <sub>2</sub>	25A								121.3

H<sub>1</sub> DENOTES FOR 1000V<sub>ac</sub> 6FF/6FF(P) 200mA-2A H<sub>1</sub> 表示 1000V<sub>ac</sub>  
H<sub>2</sub> DENOTES FOR 500V<sub>ac</sub> 6FF-1/6FF(P)-1 200mA-2A H<sub>2</sub> 表示 500V<sub>ac</sub>  
6FF/6FF(P) 2.5A-25A  
H<sub>3</sub> DENOTES FOR 600V<sub>ac</sub> 6FF-1/6FF(P)-1 200mA-2A H<sub>3</sub> 表示 600V<sub>ac</sub>  
6FF/6FF(P) 2.5A-10A  
H<sub>4</sub> DENOTES FOR 1000V<sub>dc</sub> 6FF/6FF(P) 200mA-2A H<sub>4</sub> 表示 1000V<sub>dc</sub>  
H<sub>5</sub> DENOTES FOR 500V<sub>dc</sub> 6FF-1/6FF(P)-1 200mA-2A H<sub>5</sub> 表示 500V<sub>dc</sub>  
● DENOTES FOR APPROVED ● 表示已取得安全认证

ELECTRICAL CHARACTERISTICS/ 电气特性:

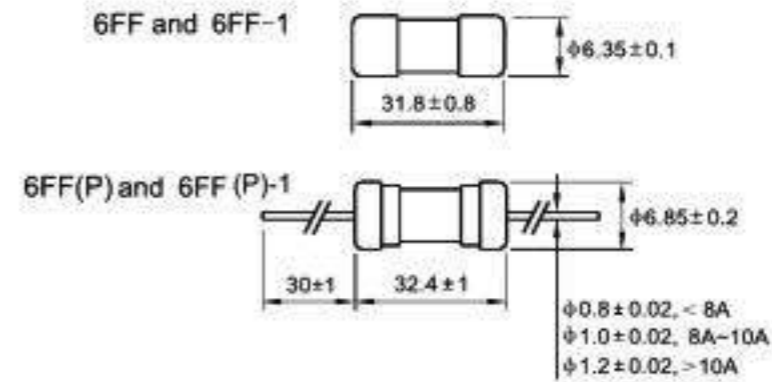
RATING 额定	BLOWING TIME 熔断时间			
	< 1A	1A-10A	> 10A-16A	> 16A-25A
2.1In Max. 最慢	—	30 minutes	30 minutes	30 minutes
2.75In	Min. 最快	5 ms	10 ms	10 ms
	Max. 最慢	—	1 sec.	2 sec.
4In Max. 最慢	60 ms	60 ms	100 ms	200 ms
10In Max. 最慢	6 ms	6 ms	10 ms	10 ms

BREAKING CAPACITY/ 分断能力:

50,000 amperes at 1000V AC/DC (200mA-2A) (In practice)  
Time constant ≤ 1ms(1000V DC)  
10,000 amperes at 1000V AC (200mA-2A)  
10,000 amperes at 500V AC / 600V AC (200mA-10A)  
10,000 amperes at 500V DC / 1000V DC (200mA-2A) UR/cUR  
Time constant ≤ 1ms

Dimensions/ 尺寸:

Unit 单位: mm



Standards/ 标准: IEC 60127

Operating Temperature/ 工作温度: -55°C ~125°C  
Storing Temperature/ 储存温度: -55°C ~85°C  
Resistance to soldering heat/ 耐焊接热性: 260°C, 10s Max  
Solderability/ 可焊性: 245°C ±5°C, 5s±0.5s

6FF AND 6FF-1 AVERAGE I-T CHARACTERISTICS CURVE  
(FOR REFERENCE ONLY)

6FF 和 6FF-1 平均 I-T 曲线图 (仅供参考)

