



Φ6.35x32mm, RoHS Compliant & Pb-Free
CERAMIC TUBE FUSE (VERY FAST-ACTING)

BREAKING CAPACITY/

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

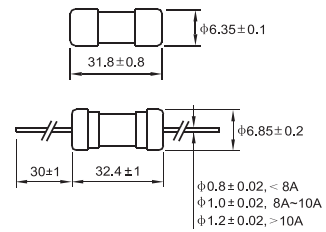
10,000 amperes at 500V AC/DC (2.5A-30A)

400 amperes at 650V DC / 800V DC (2.5A-10A)

Dimensions/

Unit mm

6FF



Standards/ IEC 60127

Operating Temperature/	-55	-125
Storing Temperature/	-55	-85
Resistance to soldering heat/	260	10s Max
Solderability/	245 ± 5	5s± 0.5s

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

6FF 6FF-1 I-T ()

TECHNICAL PARAMETERS/

PART NO. 目录编号	CURRENT RATING 额定电流	SAFETY APPROVALS 安全认证							I ² T 参考值 REFERENCE (A ² .Sec.) (RoHS)	
		UR/cUR					TÜV			
		H6	H7	H1	H2	H4	H5	H1		H2
6FF/6FF-1-0200H ₁ /H ₂ /H ₃ /H ₄ /H ₅	200mA	●	●	●	●	●	●	●	●	0.00573
6FF/6FF-1-0250H ₁ /H ₂ /H ₃ /H ₄ /H ₅	250mA	●	●	●	●	●	●	●	●	0.00926
6FF/6FF-1-0300H ₁ /H ₂ /H ₃ /H ₄ /H ₅	300mA	●	●	●	●	●	●	●	●	0.0152
6FF/6FF-1-0315H ₁ /H ₂ /H ₃ /H ₄ /H ₅	315mA	●	●	●	●	●	●	●	●	0.0168
6FF/6FF-1-0350H ₁ /H ₂ /H ₃ /H ₄ /H ₅	350mA	●	●	●	●	●	●	●	●	0.0208
6FF/6FF-1-0375H ₁ /H ₂ /H ₃ /H ₄ /H ₅	375mA	●	●	●	●	●	●	●	●	0.0241
6FF/6FF-1-0400H ₁ /H ₂ /H ₃ /H ₄ /H ₅	400mA	●	●	●	●	●	●	●	●	0.0203
6FF/6FF-1-0500H ₁ /H ₂ /H ₃ /H ₄ /H ₅	500mA	●	●	●	●	●	●	●	●	0.0342
6FF/6FF-1-0600H ₁ /H ₂ /H ₃ /H ₄ /H ₅	600mA	●	●	●	●	●	●	●	●	0.0386
6FF/6FF-1-0630H ₁ /H ₂ /H ₃ /H ₄ /H ₅	630mA	●	●	●	●	●	●	●	●	0.0406
6FF/6FF-1-0700H ₁ /H ₂ /H ₃ /H ₄ /H ₅	700mA	●	●	●	●	●	●	●	●	0.0532
6FF/6FF-1-0750H ₁ /H ₂ /H ₃ /H ₄ /H ₅	750mA	●	●	●	●	●	●	●	●	0.0763
6FF/6FF-1-0800H ₁ /H ₂ /H ₃ /H ₄ /H ₅	800mA	●	●	●	●	●	●	●	●	0.0925
6FF/6FF-1-010H ₁ /H ₂ /H ₃ /H ₄ /H ₅	1A	●	●	●	●	●	●	●	●	0.142
6FF/6FF-1-013H ₁ /H ₂ /H ₃ /H ₄ /H ₅	1.25A	●	●	●	●	●	●	●	●	0.218
6FF/6FF-1-015H ₁ /H ₂ /H ₃ /H ₄ /H ₅	1.5A	●	●	●	●	●	●	●	●	0.328
6FF/6FF-1-016H ₁ /H ₂ /H ₃ /H ₄ /H ₅	1.6A	●	●	●	●	●	●	●	●	0.411
6FF/6FF-1-020H ₁ /H ₂ /H ₃ /H ₄ /H ₅	2A	●	●	●	●	●	●	●	●	0.738
6FF-025H ₂ /H ₃ /H ₆ /H ₇	2.5A	●	●	●	●	●	●	●	●	1.271
6FF-030H ₂ /H ₃ /H ₆ /H ₇	3A	●	●	●	●	●	●	●	●	1.950
6FF-032H ₂ /H ₃ /H ₆ /H ₇	3.15A	●	●	●	●	●	●	●	●	2.188
6FF-035H ₂ /H ₃ /H ₆ /H ₇	3.5A	●	●	●	●	●	●	●	●	2.728
6FF-040H ₂ /H ₃ /H ₆ /H ₇	4A	●	●	●	●	●	●	●	●	3.631
6FF-050H ₂ /H ₃ /H ₆ /H ₇	5A	●	●	●	●	●	●	●	●	6.457
6FF-060H ₂ /H ₃ /H ₆ /H ₇	6A	●	●	●	●	●	●	●	●	9.247
6FF-063H ₂ /H ₃ /H ₆ /H ₇	6.3A	●	●	●	●	●	●	●	●	10.24
6FF-070H ₂ /H ₃ /H ₆ /H ₇	7A	●	●	●	●	●	●	●	●	11.48
6FF-080H ₂ /H ₃ /H ₆ /H ₇	8A	●	●	●	●	●	●	●	●	16.44
6FF-100H ₂ /H ₃ /H ₆ /H ₇	10A	●	●	●	●	●	●	●	●	24.10
6FF-120H ₂	12A	●	●	●	●	●	●	●	●	33.85
6FF-125H ₂	12.5A	●	●	●	●	●	●	●	●	38.63
6FF-150H ₂	15A	●	●	●	●	●	●	●	●	55.28
6FF-160H ₂	16A	●	●	●	●	●	●	●	●	63.53
6FF-200H ₂	20A	●	●	●	●	●	●	●	●	76.21
6FF-250H ₂	25A	●	●	●	●	●	●	●	●	121.3
6FF-300H ₂	30A	●	●	●	●	●	●	●	●	382

DENOTES FOR APPROVED

H ₁ DENOTES FOR 1000V _{ac}	6FF/6FF (P) 200mA-2A	H ₁	1000V _{ac}
H ₂ DENOTES FOR 500V _{ac}	6FF-1/6FF (P)-1 200mA-2A	H ₂	500V _{ac}
	6FF/6FF (P) 2.5A-30A		
H ₃ DENOTES FOR 600V _{ac}	6FF-1/6FF (P)-1 200mA-2A	H ₃	600V _{ac}
	6FF/6FF (P) 2.5A-10A		
H ₄ DENOTES FOR 1000V _{dc}	6FF/6FF (P) 200mA-2A	H ₄	1000V _{dc}
H ₅ DENOTES FOR 500V _{dc}	6FF-1/6FF (P)-1 200mA-2A	H ₅	500V _{dc}
H ₆ DENOTES FOR 150V _{dc}	6FF (P) 2.5A-10A	H ₆	650V _{dc}
H ₇ DENOTES FOR 800V _{dc}	6FF (P) 2.5A-10A	H ₇	800V _{dc}

ELECTRICAL CHARACTERISTICS/

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
	Min. 最快	—	5 ms	10 ms	10 ms
2.75In	Max. 最慢	—	1 sec.	2 sec.	5 sec.
		60 ms	60 ms	100 ms	200 ms
10In	Max. 最慢	6 ms	6 ms	10 ms	10 ms