



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

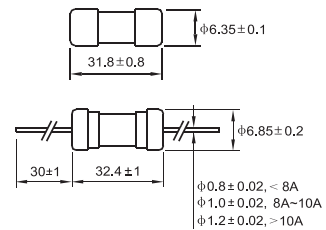
10,000 amperes at 500V AC/DC (2.5A-30A)

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 |

APPROVED

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

熔断时间

>16A-25A

200 ms

10 ms

10 ms