

为您的产品保驾护航

PRODUCT DATASHEET

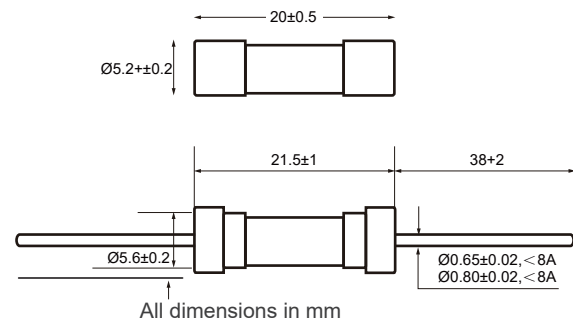
CERAMIC TUBE FUSE

JFC5F CERAMIC TUBE FUSE

JFC5F Series / 5×20 mm, Fast Acting Type

I-T Characteristics

Rated Current	2.1h	2.75h
100mA~30A	30 min Max	2 sec Max

Dimensions/(Unit:mm)

Product Features

Materials 材質	Body / 本體: ceramic tube / 陶瓷管 Lead / 引線: tinned copper wire / 鍍錫銅線 Cap / 銅帽: brass with nickel plated / 銅鍍鎳 Element / 熔絲: alloy / 合金線
Operating Temperature 操作溫度	-55°C to +125°C (consider de-rating / 需考慮溫度折減)
Solderability 可焊性	260°C, ≤ 3s. (wave / 波峰焊) 350±10°C, ≤ 3s. (soldering iron / 烙鐵焊)
Resistance to Soldering Heat 耐焊接熱	260°C, 10s. (wave / 波峰焊) 350°C, 5s. (soldering iron / 烙鐵焊)
Recommended Soldering Parameters 建議焊錫參數	Wave soldering parameter / 波峰焊 Soldering pot temperature / 錫爐溫度: 260°C Max Solder dwell time / 焊接時間: 2~5s
	Hand welding parameter / 手工焊 Soldering iron temperature / 烙鐵溫度: 350±5°C Solder dwell time / 焊接時間: 5s Max.
Storage Conditions 儲存條件	Can be stored for 3 years under tight seal condition at temperature of +10°C~60°C, relative humidity ≤ 75%. 在溫度+10°C~60°C, 相對濕度 ≤ 75% 的密閉條件下可存放 3 年。 At most can be kept 30 days at temperature +10°C~60°C, relative humidity ≤ 95% under covered conditions. 在溫度+10°C~60°C, 相對濕度為 95% 的非露天下最多可存放 30 天。

Electrical Characteristics

Part Number	Rated Current (A)	Max Voltage Rating(V)	Interrupting Rating	Max Voltage Drop (mV)	Nominal Melting I ² t (A ² sec)
JFC5F0100N/L	0.100	250V	1500A@250V	3500	0.0005
JFC5F0125N/L	0.125			2000	0.003
JFC5F0160N/L	0.160			2000	0.01
JFC5F0200N/L	0.200			1700	0.04
JFC5F0250N/L	0.250			1400	0.06
JFC5F0315N/L	0.315			1300	0.10
JFC5F0400N/L	0.400			1200	0.20
JFC5F0500N/L	0.500			1100	0.35
JFC5F0630N/L	0.630			650	0.50
JFC5F0800N/L	0.800			240	1.3
JFC5F1100N/L	1.00			200	1.6
JFC5F1125N/L	1.25			200	2.4
JFC5F1160N/L	1.60			190	4.6
JFC5F1200N/L	2.00			170	7.9
JFC5F1250N/L	2.50			170	12
JFC5F1315N/L	3.15			150	22
JFC5F1400N/L	4.00			130	29
JFC5F1500N/L	5.00			130	78
JFC5F1630N/L	6.30			130	97
JFC5F1800N/L	8.00			100	290
JFC5F2100N/L	10.00	100	430		
JFC5F2125N/L	12.5	750A@250V	96	560	
JFC5F2160N/L	16.0		90	670	
JFC5F2200N/L	20.0		82	700	
JFC5F2250N/L	25.0		75	850	
JFC5F2300N/L	30.0		72	1000	