



Littelfuse_KLKD Series Fuses

Detailed product specifications are available on: us.100y.com.tw

Part No.	Product No.	Manufacturer	Description	Current (A)	Working Volt.	Size
37075	KLKD 6	Littelfuse	AC/DC Fast-Acting Midget Fuse	6A	600V	38.1*10.31mm
37076	KLKD 7	Littelfuse	AC/DC Fast-Acting Midget Fuse	7A	600V	38.1*10.31mm
37077	KLKD 8	Littelfuse	AC/DC Fast-Acting Midget Fuse	8A	600V	38.1*10.31mm
37078	KLKD 9	Littelfuse	AC/DC Fast-Acting Midget Fuse	9A	600V	38.1*10.31mm
34288	KLKD030.T	Littelfuse	AC/DC Rated Fast-Acting Midget Fuse	30A	600V AC/DC	38.1*10.31mm

Littelfuse_466 1206 Series Fuses

Detailed product specifications are available on: us.100y.com.tw

- RoHS compliant and lead-free
- For new designs of 7 amp please consult 429 series
- Product is compatible with lead-free solders and higher temperature profiles
- Current ratings available up to 5A
- High performance materials provide improved performance in elevated ambient temperature applications
- Product is marked on top surface with code to allow amperage rating identification without testing
- Low profile for height sensitive applications
- Flat top surface for pick-and-place operations
- Element covering material is resistant to industry standard cleaning operations
- Mounting pad and electrical performance is identical to littelfuse 429 and 433 series products
- Alloy based element construction provides superior inrush withstand characteristics over ceramic or glass based 1206 chip fuse products

AGENCY APPROVALS: Recognized under the components program of underwriters laboratories and certified by CSA

AGENCY FILE NUMBERS: UL E10480, CSA LR 29862

INTERRUPTING RATINGS: 0. 125- . 375A 50A at 125V AC/DC
0. 5-2A 50A at 63V AC/DC
2. 5-3A 50A at 32V AC/DC
4-5A 35A at 24V AC/DC

PHYSICAL SPECIFICATIONS:

Materials: body: advanced high temperature substrate
termination: 100% copper/nickel/tin
element cover coat: conformal coating

Part No.	Product No.	Manufacturer	Description	Current (A)	Working Volt.	IR	Size
40472	0466.500NR	Littelfuse	SLIM 1206 LEAD FREE SMF FUSE	0.5A	63V	50A/63V	1206

Littelfuse_467 0603 Series Fuses

Detailed product specifications are available on: us.100y.com.tw

- RoHS compliant and lead-free
- Product is compatible with lead-free solders and higher temperature profiles
- High performance materials provide improved performance in elevated ambient temperature applications
- Product is marked on top surface with code to allow amperage rating identification without testing
- Low profile for height sensitive applications
- Flat top surface for pick-and-place operations
- Element covering material is resistant to industry standard cleaning operations
- Mounting pad and electrical performance is identical to littelfuse 431 and 434 series products
- Alloy based element construction provides superior inrush withstand characteristics over ceramic or glass based 0603 chip fuse products

AGENCY APPROVALS: Recognized under the components program of underwriters laboratories and certified by CSA

AGENCY FILE NUMBERS: UL E10480, CSA LR 29862

INTERRUPTING RATINGS: 0. 25-1A 50A at 32V AC/DC
1. 25-5A 35A at 32V AC/DC

PHYSICAL SPECIFICATIONS:

Materials: body: advanced high temperature substrate
termination: 100% copper/nickel/tin
element cover coat: conformal coating

Part No.	Product No.	Manufacturer	Description	Current (A)	Working Volt.	IR	Size
40637	0467.500NR	Littelfuse	SLIM 0603 LEAD FREE SMF FUSE	0.5A	32V	50A/32V	0603

Littelfuse_434 0603 Series Fuses

Detailed product specifications are available on: us.100y.com.tw

- For RoHS compliant and lead-free designs use 467 series
- The slimline 0603 fuse is an extremely small, low profile design (0603 chip size) utilizing thin-film technology to achieve precise control of electrical characteristics
- The lower height profile produces a flat surface for improved performance in pick-and-place operations and an alternate solution for height critical applications

AGENCY APPROVALS: Recognized under the components program of underwriters laboratories and certified by CSA

AGENCY FILE NUMBERS: UL E10480, CSA LR 29862

INTERRUPTING RATINGS: . 25-1A 50A @ 32V AC/DC 1. 25-5A 35A@32V AC/DC

ENVIRONMENTAL SPECIFICATIONS

Operating temperature: -55°C to 90°C . Consult temperature derating chart on page 4.
For operating above 90°C contact littelfuse

Vibration: per MIL-STD-202F

Insulation resistance (after opening): greater than 10,000 ohms

Resistance to soldering heat: withstands 60 seconds above 200°C up to 260°C maximum

Thermal shock: withstands 5 cycles of -55°C to 125°C

PHYSICAL SPECIFICATIONS

Materials: body: epoxy substrate
Terminations: copper/nickel/tin-lead (95/5)
Cover coat: conformal coating

Soldering parameters

(see page 3 for typical soldering profile)
Wave solder-260°C, 10 seconds maximum
Reflow solder-260°C, 30 seconds maximum

Part No.	Product No.	Manufacturer	Description	Current (A)	Working Volt.	IR	Size
40642	0434.750NR	Littelfuse	SLIM 0603 SMF FUSE	0.75A	32V	50A/32V	0603

