



Littelfuse_452/454 SMD Series Fuses

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

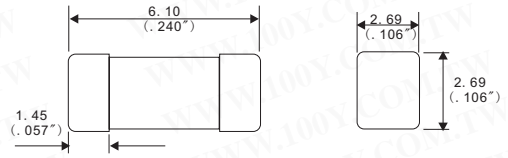


AGENCY APPROVALS: Recognized under the components program of underwriters laboratories and certified by CSA
AGENCY FILE NUMBERS: UL E10480, CSA LR 29862
INTERRUPTING RATINGS: 50 amperes at 125 VAC/VDC
ENVIRONMENTAL SPECIFICATIONS:
Operating Temperature: -55°C to 125°C
Shock: MIL-STD-202, Method 213, Test Condition I (100 G's peak of 6 milliseconds)
Vibration: MIL-STD-202, Method 201 (10-55Hz, .06 in. total excursion)
Salt Spray: MIL-STD-202, Method 101, test condition B (48hrs)
Insulation Resistance (After Opening): MIL-STD-202, Method 302, Test condition A, (10,000 ohms minimum)
Resistance to soldering heat: MIL-STD-202, Method 210, (3 sec. at 260°C)
Thermal shock: MIL-STD-202, Method 107, Test Condition V (-65 to 125°C)
Moisture Resistance: MIL-STD-202, Method 106, High Humidity (90-98RH), Heat (65°C)



PHYSICAL SPECIFICATIONS

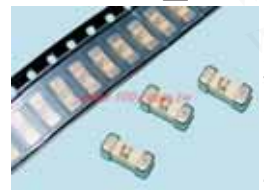
Materials: body: ceramic
 Terminations: tin-lead alloy or silver plated caps
 RoHS Compliant temperature: gold over nickel plated caps
Soldering Parameters: Wave solder-260°C, 3seconds maximum
 Reflow solder-230°C, 30 seconds maximum
Solderability: MIL-STD-202, Method 208



Part No.	Product No.	Manufacturer	Description	Current (A)	Working Volt.	Size
36731	0454 001	Littelfuse	Slow-Blow SMD Fuse	1A	125V	6.1*2.69mm
36734	0454 002	Littelfuse	Slow-Blow SMD Fuse	2A	125V	6.1*2.69mm
36736	0454 003	Littelfuse	Slow-Blow SMD Fuse	3A	125V	6.1*2.69mm
36743	0454 004	Littelfuse	Slow-Blow SMD Fuse	4A	125V	6.1*2.69mm
36741	0454 005	Littelfuse	Slow-Blow SMD Fuse	5A	125V	6.1*2.69mm
36733	0454 01.5	Littelfuse	Slow-Blow SMD Fuse	1.5A	125V	6.1*2.69mm
36735	0454 02.5	Littelfuse	Slow-Blow SMD Fuse	2.5A	125V	6.1*2.69mm
36738	0454 03.5	Littelfuse	Slow-Blow SMD Fuse	3.5A	125V	6.1*2.69mm
36728	0454.375	Littelfuse	Slow-Blow SMD Fuse	0.375A	125V	6.1*2.69mm
36729	0454.500	Littelfuse	Slow-Blow SMD Fuse	0.5A	125V	6.1*2.69mm
36730	0454.750	Littelfuse	Slow-Blow SMD Fuse	0.75A	125V	6.1*2.69mm
36720	R452 001	Littelfuse	Slow-Blow SMD Fuse	1A	125V	6.1*2.69mm
36722	R452 002	Littelfuse	Slow-Blow SMD Fuse	2A	125V	6.1*2.69mm
36725	R452 003	Littelfuse	Slow-Blow SMD Fuse	3A	125V	6.1*2.69mm
36727	R452 004	Littelfuse	Slow-Blow SMD Fuse	4A	125V	6.1*2.69mm
23830	R452 005	Littelfuse	Slow-Blow SMD Fuse	5A	125V	6.1*2.69mm
36721	R452 01.5	Littelfuse	Slow-Blow SMD Fuse	1.5A	125V	6.1*2.69mm
36724	R452 02.5	Littelfuse	Slow-Blow SMD Fuse	2.5A	125V	6.1*2.69mm
36726	R452 03.5	Littelfuse	Slow-Blow SMD Fuse	3.5A	125V	6.1*2.69mm
36717	R452.375	Littelfuse	Slow-Blow SMD Fuse	0.375A	125V	6.1*2.69mm
36718	R452.500	Littelfuse	Slow-Blow SMD Fuse	0.5A	125V	6.1*2.69mm
36719	R452.750	Littelfuse	Slow-Blow SMD Fuse	0.75A	125V	6.1*2.69mm

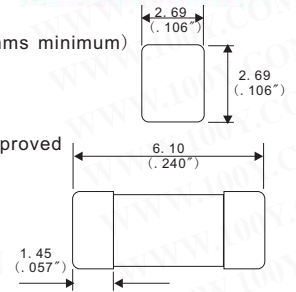
Littelfuse_451/453 SMD Series Fuses

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



ENVIRONMENTAL SPECIFICATIONS

Operating Temperature: -55°C to 125°C
Shock: MIL-STD-202, Method 213, Test condition I (100G's peak for 6 milliseconds)
Vibration: MIL-STD-202, Method 201 (10-55Hz)
Salt spray: MIL-STD-202, Method 101, test condition B.
Insulation Resistance (After Opening): MIL-STD-202, Method 302, test condition A, (10,000 ohms minimum)
Resistance to soldering heat: MIL-STD-202, Method 210, test condition B (10sec, at 260°C)
Thermal shock: MIL-STD-202, Method 107, test condition B (-65 to 125°C)
Moisture Resistance: MIL-STD-202, Method 106, high humidity (90-98 RH), heat (65°C)



AGENCY APPROVALS: Recognized under the Components program of underwriters laboratories and certified by CSA. Approved by METI from 1 through 5 amperes

AGENCY FILE NUMBERS: I; E 10480, CSA LR 29862

INTERRUPTING RATINGS: 1/16-8A 50 amperes at 125 VAC/VDC 300 amperes at 32 VDC
 10A 35 amperes at 125 VAC/50 amperes at 125 VDC 300 amperes at 32 VDC
 12A-15A 50 amperes at 65 VAC/VDC 300 amperes at 24 VDC

Part No.	Product No.	Manufacturer	Description	Current (A)	Working Volt.
36980	0453 001	Littelfuse	Very Fast-Acting 451/453 Series	1.0A	125V
36995	0453 002	Littelfuse	Very Fast-Acting 451/453 Series	2.0A	125V
36999	0453 003	Littelfuse	Very Fast-Acting 451/453 Series	3.0A	125V
37004	0453 004	Littelfuse	Very Fast-Acting 451/453 Series	4.0A	125V
37006	0453 005	Littelfuse	Very Fast-Acting 451/453 Series	5.0A	125V
37009	0453 007	Littelfuse	Very Fast-Acting 451/453 Series	7.0A	125V
37010	0453 008	Littelfuse	Very Fast-Acting 451/453 Series	8.0A	125V
36986	0453 01.5	Littelfuse	Very Fast-Acting 451/453 Series	1.5A	125V

