

# 526 Series High Voltage Cartridge Fuses

## 500 Vac/Vdc, 10 x 32 mm, AEC-Q200 for Automotive Application

### Problem/Solution

The 526 series fuses are specifically designed and tested to meet the circuit protection needs of compact automotive electronics applications. These robust fuses include a 500 Vac/Vdc rating and provide an excellent interrupting rating. Littelfuse internal AEC-Q200 compliant, the 526 fuses are ideal for the On-Board Chargers (OBCs) and Power Distribution Units (PDUs) in the latest electric vehicle designs. With available through-hole and bolt-down versions, it's flexible for either PC board or screw assembly.

### Technical resources *(Click on below icons to learn more)*



Series Page



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### Benefits

- Suitable for use as over-current protection in AC input and high DC output (up to 500V) and DC/DC converter
- Eliminates the need for mounting accessories or lead-forming processes
- Provides reliable protection in extreme temperature environments



### Features

- Rated for 500 Vac/Vdc with interrupting rating of 10,000A for 30A-50A nominal current rating, 500 Vdc/300 Vac for 60A in a small package
- Littelfuse Internal AEC-Q200 compliance
- End caps with integrated stand-off leads and bolt down options
- Compact body size of 10 x 32 mm
- Operating temperature range from -55° C to 125° C

### Markets/Applications

- On-Board Charger (OBC)
- Power Distribution Unit (PDU)



# 527 Series High Voltage Cartridge Fuses

## 500 Vac, 6 x 32 mm, AEC-Q200 for Automotive Application

### Problem/Solution

The 527 series fuses are specifically designed and tested to meet the circuit protection needs of compact automotive electronics applications. These robust fuses include a 500 Vac rating and provide an excellent interrupting rating. Littelfuse internal AEC-Q200 compliant, the 527 fuses are ideal for the On-Board Chargers (OBCs) in the latest electric vehicle designs. With available through-hole version for PC board assembly.

### Technical resources *(Click on below icons to learn more)*



Series Page



Datasheet



### Benefits

- Suitable for use as over-current protection in AC input (up to 500V)
- Eliminates the need for mounting accessories or lead-forming processes
- Provides reliable protection in extreme temperature environments



### Features

- Rated for 500 Vac with interrupting rating of 10,000A for 30A-40A, and 305 Vac for 50A nominal current rating in a small package
- Littelfuse Internal AEC-Q200 compliance
- End caps with integrated stand-off leads
- Very compact body size of 6 x 32 mm
- Operating temperature range from -55° C to 125° C

### Markets/Applications

- On-Board Charger (OBC)

