



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Flashers

Littelfuse Flashers meet D.O.T., S.A.E. and all applicable state and federal requirements.



Pin Configuration Key



X = Battery



L = Lamp



P = Pilot Light

TYPE OF LOAD

Variable: Variable load flashers will handle a range of lamps as needed up to the total specified.

Exact: Exact load flashers will flash only the number of lamps for which it is rated. These are typically for OEM replacement applications.

LAMP CAPACITY

The total number of lamps energized in the circuit.

TERMINAL COUNT

Two or three terminals — always match the terminal configuration being replaced.

DESIGN

Thermal: Thermal (Bi-Metal) flashers are a mechanical device that operate through the heating and cooling of a bi-metal strip, opening and closing the contacts, causing the lamps to “flash”.

Electronic: Electronic flashers are comprised of an electro-mechanical relay with an opposing A and B coil. A capacitor prevents one coil from pulling in relay contacts until it is fully charged. The charging and discharging of the capacitor along with a resistor determine the flash rate and set duty cycle (on/off time).

In some cases you can replace a Thermal Flasher with an Electronic Flasher but never replace an Electronic Flasher with a Thermal Flasher.



THERMAL FLASHERS

Universal Variable For Domestic Cars

- Universal design replaces most popular part numbers 536 and 552.
- Replaces 12-volt, two terminal flashers.
- Capacity
 - *Turn Signals:* Flashes two to three 32 C.P. standard or long-life lamps.
 - *Hazard Warning:* Flashes two to six lamps.

- Features durable, heavy duty thermal flashing mechanism for increased reliability.
- Quality construction ensures continued operation even under harsh temperature and humidity environmental factors.



| VOLTS | TERMINALS | LAMPS | BOXED | | CARDED | | |
|-------|-----------|-------|-------------|------------|--------------|--------------|--------------------------|
| | | | MATERIAL # | CATALOG # | MATERIAL # | CATALOG # | NEW PACKAGING MATERIAL # |
| 12 | 2 | 2-6 | OFLR536/552 | FLR536/552 | OFLR536/552P | FLR536/552BP | OFLR536/552PA |

Variable For Import Cars/Domestic Trucks

- Replaces most 12 volt, three terminal flashers.
- Capacity
 - *Turn Signals:* Flashes two to three 32 C.P. standard or long-life lamps.
 - *Hazard Warning:* Flashes two to six lamps.

- Separate pilot circuit and durable, heavy duty thermal flashing mechanism for increased reliability.
- Quality construction ensures continued operation even under harsh temperature and humidity environmental factors.



| VOLTS | TERMINALS | LAMPS | BOXED | | CARDED | | |
|-------|-----------|-------|------------|-----------|------------|-----------|--------------------------|
| | | | MATERIAL # | CATALOG # | MATERIAL # | CATALOG # | NEW PACKAGING MATERIAL # |
| 12 | 3 | 2-6 | OFLR0550X | FLR550 | OFLR0550XP | FLR550BP | OFLR0550XPA |

Variable For Cars and Light Trucks

- Replaces 12 volt, three terminal flashers.
- Capacity
 - *Turn Signals*: Flashes two to three 32 C.P. standard or long-life lamps.
 - *Hazard Warning*: Flashes two to six lamps.
- Features durable, heavy duty thermal flashing mechanism for increased reliability.
- Quality construction ensures continued operation even under harsh temperature and humidity environmental factors.



| VOLTS | TERMINALS | LAMPS | BOXED | | CARDED | | NEW PACKAGING MATERIAL # |
|-------|-----------|-------|------------|-----------|------------|-----------|--------------------------|
| | | | MATERIAL # | CATALOG # | MATERIAL # | CATALOG # | |
| 12 | 3 | 2-6 | OFLR0569X | FLR569 | OFLR0569XP | FLR569BP | OFLR0569XPA |
| 12 | 2 | 1-8 | --- | --- | OFLR0575XP | FLR575BP | OFLR0575XPA |
| 12 | 2 | 2-6 | --- | --- | OFLR0577XP | FLR577BP | OFLR0577XPA |
| 12 | 2 | 1-12 | --- | --- | OFLR0232XP | FLR232BP | OFLR0232XPA |
| 12 | 3 | 1-12 | OFLR0233X | FLR233 | --- | --- | --- |
| 24 | 3 | 1-12 | OFLR0234X | FLR234 | OFLR0234XP | --- | OFLR0234XPA |
| 12 | 3 | 1-12 | OFLR0246X | FLR246 | OFLR0246XP | --- | OFLR0246XPA |
| 12 | 4 | 2-6 | --- | --- | OFLR0726XP | FLR727BP | OFLR0726XPA |
| 12 | 5 | 2-6 | --- | --- | OFLR0727XP | FLR727BP | OFLR0727XPA |
| 12 | 3 | 2-6 | OFLR0757X | FLR757 | OFLR0757XP | --- | OFLR0757XPA |
| 12 | 3 | 2-6 | --- | --- | OFLR0758XP | FLR758BP | OFLR0758XPA |
| 12 | 3 | 3-6 | --- | --- | OFLR0759XP | FLR759BP | OFLR0759XPA |
| 12 | 3 | 2-6 | --- | --- | OFLR0760XP | FLR760BP | OFLR0760XPA |
| 12 | 3 | 2-4 | OFLR0761X | FLR761 | OFLR0761XP | --- | OFLR0761XPA |
| 12 | 4 | 3-6 | OFLR0762X | FLR762 | OFLR0762XP | FLR762BP | OFLR0762XPA |
| 12 | 2 | Loud | OFLR0763X | FLR763 | --- | --- | --- |
| 12 | 2 | Loud | OFLR0764X | FLR764 | --- | --- | --- |



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