



#### **Pin Configuration Kev**







X = Battery

L = Lamp

P = Pilot Light



# **Flashers**

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

#### **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.







#### **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	0FLR0550X	FLR550	0FLR0550XP	FLR550BP	0FLR0550XPA



### **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		
			MATERIAL #	CATALOG #	MATERIAL #	CATALOG #	NEW PACKAGING MATERIAL#
12	3	2-6	0FLR0569X	FLR569	0FLR0569XP	FLR569BP	0FLR0569XPA
12	2	1-8			0FLR0575XP	FLR575BP	0FLR0575XPA
12	2	2-6			0FLR0577XP	FLR577BP	0FLR0577XPA
12	2	1-12			0FLR0232XP	FLR232BP	0FLR0232XPA
12	3	1-12	0FLR0233X	FLR233			
24	3	1-12	0FLR0234X	FLR234	0FLR0234XP		0FLR0234XPA
12	3	1-12	0FLR0246X	FLR246	0FLR0246XP		0FLR0246XPA
12	4	2-6			0FLR0726XP	FLR727BP	0FLR0726XPA
12	5	2-6			0FLR0727XP	FLR727BP	0FLR0727XPA
12	3	2-6	0FLR0757X	FLR757	0FLR0757XP		0FLR757XPA
12	3	2-6			0FLR0758XP	FLR758BP	0FLR0758XPA
12	3	3-6			0FLR0759XP	FLR759BP	0FLR0759XPA
12	3	2-6			0FLR0760XP	FLR760BP	0FLR0760XPA
12	3	2-4	0FLR0761X	FLR761	0FLR0761XP		0FLR0761XPA
12	4	3-6	0FLR0762X	FLR762	0FLR0762XP	FLR762BP	0FLR0762XPA
12	2	Loud	0FLR0763X	FLR763			
12	2	Loud	0FLR0764X	FLR764			











# **Mouser Electronics**

**Authorized Distributor** 

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## Littelfuse:

 0FLR0246XP
 0FLR0232XP
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 0FLR0575XP

 0FLR0757X
 0FLR0550XP
 0FLR0246X
 0FLR0761XP
 0FLR0726XP
 0FLR0759XP
 0FLR0234XP
 0FLR0233X

 0FLR0760XP
 0FLR536/552P
 0FLR0762X
 0FLR0762XP
 0FLR0577XP
 0FLR0757XP
 0FLR0727XP
 0FLR0763X