

PANEL LAMPS/LED's

STANDARD LED's

3mm (T-1)

These devices are 3mm in diameter, or .118".

Retail Part No.	Part No. Packaged	Figure No.	Forward Current (I _F) mA	Max Forward Voltage	Typical Forward Voltage	LED Emitting Color	Case Type	View Angle	LED/Lamp Size
39-4301		1	10	2.5V	2.0V	High Red	Diffused	60	3mm (T-1)
39-4302		1	10	2.5V	2.0V	Red	Diffused	60	3mm (T-1)
39-4303		1	10	2.5V	2.0V	Amber	Diffused	60	3mm (T-1)
39-4304		1	10	2.5V	2.0V	Yellow	Diffused	60	3mm (T-1)
39-4305	39-4305-BU	1	10	2.5V	2.0V	Green	Diffused	60	3mm (T-1)
39-4391		1	10	2.5V	2.0V	High Red	Diffused	60	3mm (T-1)
39-4392	39-4392-BU	1	10	2.5V	2.0V	Red	Diffused	60	3mm (T-1)
39-4393		1	10	2.5V	2.0V	Orange	Diffused	60	3mm (T-1)
39-4394		1	10	2.5V	2.0V	Yellow	Diffused	60	3mm (T-1)
39-4395		1	10	2.5V	2.0V	Green	Diffused	60	3mm (T-1)



Fig.1



Fig.2

5mm (T-1-3/4)

These devices are 5mm in diameter, or .197".

Retail Part No.	Part No. Packaged	Figure No.	Forward Current (I _F) mA	Max Forward Voltage	Typical Forward Voltage	LED Emitting Color	Case Type	View Angle	LED/Lamp Size
39-3501		2	10	2.5V	2.0V	High Red	Diffused	60	5mm
39-3502		2	10	2.5V	2.0V	Red	Diffused	60	5mm
39-3504		2	10	2.5V	2.0V	Yellow	Diffused	60	5mm
39-3505		2	10	2.5V	2.0V	Green	Diffused	60	5mm
39-3506	39-3506-BU	2	10	2.5V	2.0V	Blue	Diffused	50	5mm
39-3512	39-3512-BU	2	10	2.5V	2.0V	Super Red	Diffused	60	5mm
39-3513	39-3513-BU	2	10	2.5V	2.0V	Pure Orange	Diffused	60	5mm
39-3515	39-3515-BU	2	10	2.5V	2.0V	Super Green	Diffused	60	5mm



Fig.3



Fig.4

10mm

These devices are 10mm in diameter, or .394".

Retail Part No.	Part No. Packaged	Figure No.	Forward Current (I _F) mA	Max Forward Voltage	Typical Forward Voltage	LED Emitting Color	Case Type	View Angle	LED/Lamp Size
39-3182		3	20	2.5V	2.0V	High Red	Diffused	60	10mm
39-3183		3	20	2.5V	2.0V	Pure Orange	Diffused	60	10mm
39-3184	39-3184-BU	3	20	2.5V	2.0V	Yellow	Diffused	60	10mm
39-3185		3	20	2.5V	2.0V	Green	Diffused	60	10mm



Fig.5



Fig.6

Rectangular

These devices are 2mm x 5mm in size, or .079" x .197".

Retail Part No.	Part No. Packaged	Figure No.	Forward Current (I _F) mA	Max Forward Voltage	Typical Forward Voltage	LED Emitting Color	Case Type	View Angle	LED/Lamp Size
39-3011	39-3011-BU	4	10	2.5V	2.0V	High Red	Diffused	110	2mm x 5mm
39-3012	39-3012-BU	4	10	2.5V	2.0V	Red	Diffused	110	2mm x 5mm
39-3013	39-3013-BU	4	10	2.5V	2.0V	Pure Orange	Diffused	110	2mm x 5mm
39-3014	39-3014-BU	4	10	2.5V	2.0V	Yellow	Diffused	110	2mm x 5mm
39-3015	39-3015-BU	4	10	2.5V	2.0V	Green	Diffused	110	2mm x 5mm
39-3111		4	20	2.5V	2.0V	Super Red	Diffused	110	2mm x 5mm

Blinking LED's

The blinking LED is designed to flash on/off at regular intervals depending upon the operating voltage. The frequency of the flashing ranges from 1.5 Hz to 2.5 Hz. The higher the operating voltage, the slower it flashes.

Retail Part No.	Part No. Packaged	Figure No.	Forward Current (I _F) mA	Max Forward Voltage	Typical Forward Voltage	LED Emitting Color	Case Type	View Angle	LED/Lamp Size
39-6161	39-6161-BU	5	10	2.5V	2.0V	Blinking High Red	Diffused	60	3mm (T-1)
39-6162	39-6162-BU	5	10	2.5V	2.0V	Blinking Red	Diffused	60	3mm (T-1)
39-6165	39-6165-BU	5	10	2.5V	2.0V	Blinking Green	Diffused	60	3mm (T-1)
39-6501	39-6501-BU	6	10	2.5V	2.0V	Blinking High Red	Diffused	60	5mm (T-1-3/4)
39-6502	39-6502-BU	6	10	2.5V	2.0V	Blinking Red	Diffused	60	5mm (T-1-3/4)
39-6511	39-6511-BU	6	10	2.5V	2.0V	Blinking Super Red	Diffused	60	5mm (T-1-3/4)
39-6514	39-6514-BU	6	10	2.5V	2.0V	Blinking Yellow	Diffused	60	5mm (T-1-3/4)
39-6515	39-6515-BU	6	10	2.5V	2.0V	Blinking Green	Diffused	60	5mm (T-1-3/4)
39-6182	39-6182-BU	7	20	2.5V	2.0V	Blinking Super Red	Clear	40	10mm
39-6185	39-6185-BU	7	20	2.5V	2.0V	Blinking Green	Diffused	60	10mm



Fig.7