



### Bi-Color LED's

The LED's emit two different colors of light depending on the way the voltage is applied to the device. These are available in both two (2) legged and three (3) legged versions. With the three (3) legged models, if voltage is applied from both directions at the same time, a third color is visible.

Retail Part No.	Bulk Part No.	Figure No.	Fwd/Rev Current (I <sub>p</sub> ) mA	Max Forward Voltage	Typical Forward Voltage	LED Emitting Color	Case Type	View Angle	LED/Lamp Size
<del>39-7324</del>	<del>39-7324-BU</del>	<del>1</del>	<del>20/10</del>	<del>2.5V</del>	<del>2.0V</del>	<del>High Red/Yellow</del>	<del>Diffused</del>	<del>60</del>	<del>3mm (T-1)</del>
<del>39-7325</del>	<del>39-7325-BU</del>	<del>1</del>	<del>20/20</del>	<del>2.5V</del>	<del>2.0V</del>	<del>High Red/Green</del>	<del>Diffused</del>	<del>60</del>	<del>3mm (T-1)</del>
<del>39-7354</del>	<del>39-7354-BU</del>	<del>1</del>	<del>20/10</del>	<del>2.5V</del>	<del>2.0V</del>	<del>Green/Yellow</del>	<del>Diffused</del>	<del>60</del>	<del>3mm (T-1)</del>
<del>39-7524</del>	<del>39-7524-BU</del>	<del>1</del>	<del>20/10</del>	<del>2.5V</del>	<del>2.0V</del>	<del>High Red/Yellow</del>	<del>Diffused</del>	<del>60</del>	<del>5mm (T-1-3/4)</del>
<del>39-7525</del>	<del>39-7525-BU</del>	<del>1</del>	<del>20/20</del>	<del>2.5V</del>	<del>2.0V</del>	<del>High Red/Green</del>	<del>Diffused</del>	<del>60</del>	<del>5mm (T-1-3/4)</del>
<del>39-7554</del>	<del>39-7554-BU</del>	<del>1</del>	<del>20/10</del>	<del>2.5V</del>	<del>2.0V</del>	<del>Green/Yellow</del>	<del>Diffused</del>	<del>60</del>	<del>5mm (T-1-3/4)</del>
<del>39-9524</del>	<del>39-9524-BU</del>	<del>2,5</del>	<del>20/10</del>	<del>2.5V</del>	<del>2.0V</del>	<del>High Red/Yellow</del>	<del>Diffused</del>	<del>60</del>	<del>5mm (T-1-3/4)</del>
<del>39-9525</del>	<del>39-9525-BU</del>	<del>2,5</del>	<del>20/20</del>	<del>2.5V</del>	<del>2.0V</del>	<del>High Red/Green</del>	<del>Diffused</del>	<del>60</del>	<del>5mm (T-1-3/4)</del>
<del>39-9554</del>	<del>39-9554-BU</del>	<del>2,5</del>	<del>20/10</del>	<del>2.5V</del>	<del>2.0V</del>	<del>High Red/Green</del>	<del>Diffused</del>	<del>60</del>	<del>5mm (T-1-3/4)</del>
<del>39-9125</del>	<del>39-9125-BU</del>	<del>2,5</del>	<del>20/20</del>	<del>2.5V</del>	<del>2.0V</del>	<del>Green/Yellow</del>	<del>Diffused</del>	<del>50</del>	<del>10mm</del>

### Infra-Red Emitters

The infrared emitting LED's are widely used in transmitters and remote control devices.

Retail Part No.	Bulk Part No.	Figure No.	Forward Current (I <sub>p</sub> ) mA	Max Forward Voltage	Typical Forward Voltage	LED Emitting Color	Case Type	View Angle	LED/Lamp Size
<del>39-3507</del>	<del>39-3507-BU</del>	<del>3</del>	<del>20</del>	<del>1.5V</del>	<del>1.2V</del>	<del>Infrared</del>	<del>Blue Transparent</del>	<del>30</del>	<del>5mm (T-1-3/4)</del>
<del>39-3508</del>	<del>39-3508-BU</del>	<del>3</del>	<del>20</del>	<del>1.7V</del>	<del>1.4V</del>	<del>Infrared</del>	<del>Blue Transparent</del>	<del>30</del>	<del>5mm (T-1-3/4)</del>
<del>39-4355</del>	<del>39-4355-BU</del>	<del>3</del>	<del>20</del>	<del>1.7V</del>	<del>1.4V</del>	<del>Infrared</del>	<del>Blue Transparent</del>	<del>30</del>	<del>3mm (T-1)</del>

### Photo Transistors

An electronic switch, that when activated, allows current to pass through the device.

Retail Part No.	Bulk Part No.	Figure No.	Collector/Emitter Breakdown Voltage	Emitter/Collector Breakdown Voltage	On-State Collector Current	LED Emitting Color	Case Type	View Angle	LED/Lamp Size
39-1500	39-1500-BU	4,6	30V	5V	(2-8)mA	Photo Transistor	Clear	N/A	5mm (T-1-3/4)
39-2300	39-2300-BU	4,6	30V	5V	(2-8)mA	Photo Transistor	Clear	N/A	3mm (T-1)