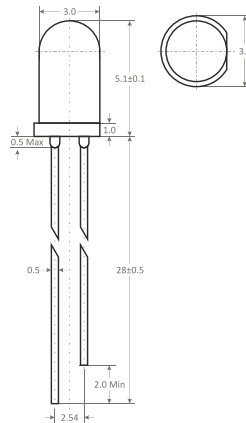
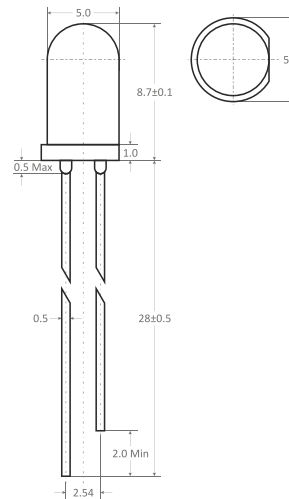


## Round LED 3 mm / 5 mm Diffused Package No.: 2111O161 ... 2111O172



3 mm type



5 mm type

This round LED is perfect for standard applications with semiconductor light. Please note that LEDs always need to be driven with current-limitation (pre-resistor or constant-current-source) to avoid any damages of the component. Anode = positive / Cathode = negative voltage. LEDs are not shock-sensitive and have a low power consumption.

**Technical data:** Viewing angle: 30° • Operating temp.: -25 ... +80°C • Reverse voltage: max. 5 V • Reverse current: max. 1.1  $\mu$ A • Lead soldering temp. max. 270°C (5 s).

Part No.	Diameter	Color	Wavelength / Color temp. (typ)	Package-type	I <sub>F</sub> (typ)	U <sub>F</sub> (typ)	I <sub>v</sub> (typ)
2111O161	3 mm	White	8000 K	Diffused	20 mA	3.0 V	2500 mcd
2111O162	3 mm	Blue	460 nm	Diffused	20 mA	3.0 V	1300 mcd
2111O163	3 mm	Green	520 nm	Diffused	20 mA	3.0 V	2500 mcd
2111O164	3 mm	Yellow/Green	569 nm	Diffused	20 mA	2.0 V	700 mcd
2111O165	3 mm	Yellow	590 nm	Diffused	20 mA	2.0 V	700 mcd
2111O166	3 mm	Red	625 nm	Diffused	20 mA	2.0 V	700 mcd
2111O167	5 mm	White	8000 K	Diffused	20 mA	3.0 V	2500 mcd
2111O168	5 mm	Blue	460 nm	Diffused	20 mA	3.0 V	1300 mcd
2111O169	5 mm	Green	520 nm	Diffused	20 mA	3.0 V	2500 mcd
2111O170	5 mm	Yellow/Green	569 nm	Diffused	20 mA	2.0 V	700 mcd
2111O171	5 mm	Yellow	590 nm	Diffused	20 mA	2.0 V	700 mcd
2111O172	5 mm	Red	625 nm	Diffused	20 mA	2.0 V	700 mcd