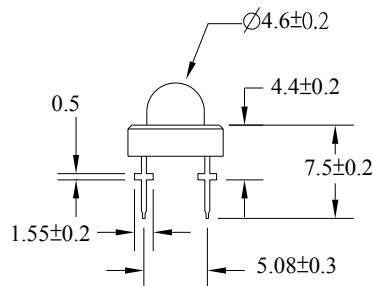
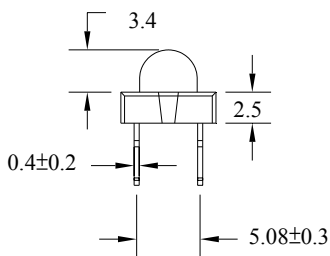
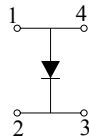
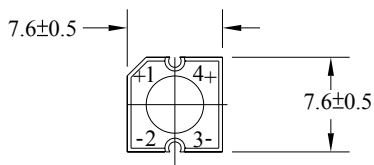


High Power Super Flux LEDs



Features:

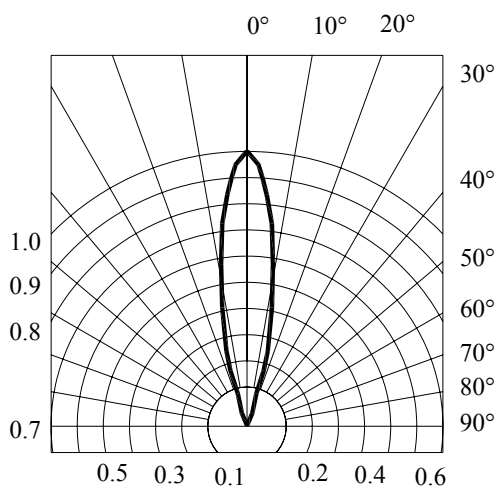
- High Luminance
- High Operating Temperature



Notes:

1. All dimensions are in mm.
2. Tolerance is ± 0.25 mm unless otherwise noted.

Radiation Diagram



High Power Super Flux LEDs



Maximum Ratings at $T_a = 25^\circ\text{C}$

Reverse Voltage (<100 μA)	: 5 V
D.C. Forward Current	: 30 mA
Pulse Current (Pulse Width of 0.1 ms, 1 / 10 Duty Cycle)	: 100 mA
Operating Temperature Range	: - 25 to + 85 $^\circ\text{C}$
Storage Temperature Range	: -40 to +100 $^\circ\text{C}$
Soldering Temperature Dip Soldering	: 260 $^\circ\text{C}$ for 5 s
Soldering Temperature Hand Soldering	: 350 $^\circ\text{C}$ for 3 s

Electrical and Optical Characteristics at $T_a = 25^\circ\text{C}$

LED Chip			Lens Colours	Dominant Wavelength (nm) at 20 mA	Luminous Intensity (mcd) at 20 mA		Forward Voltage (V) at 20 mA		Viewing Angle $2\theta^{1/2}$ ($^\circ$)	Part Number
Material	Emitted Colours	Brightness			Minimum	Typical	Typical	Maximum		
InGaN / Sapphire	True Green	Mega	Water Clear	520	4,800	7,700	3.2	4	20	703-1045

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