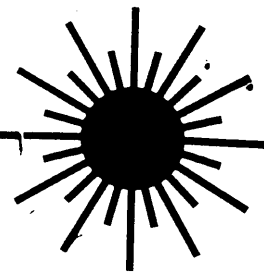


942-467

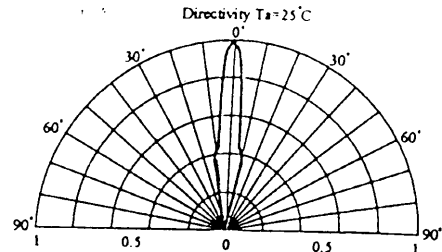
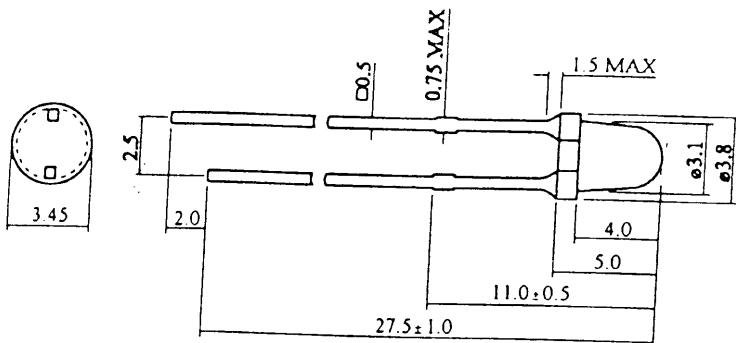
MARL OPTOSOURCE



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Tel: +44 (01229) 582430 Fax: +44 (01229) 580595 EMAIL:100666.2154@COMPUSERVE.COM

3 mm Green Discrete LED



- Solid state reliability
- High luminous intensity
- Also available in LED Bulb Replacement and LED Panel Lamp styles

Tolerance: ± 0.25 UOS
Unit: mm

Technical and Ordering Information

Optical / Electrical Characteristics (Ta = 25°C)

Order Code	Colour	Typ Fwd Voltage Vf @ Iopr	Max Fwd Voltage Vf @ Iopr	Forward Current Iopr	Max Rev Current Ir (Vr=5V)	Luminous Intensity Iv @ Iopr	Peak Wavelength λ_p @ Iopr	Viewing Angle 2 $\theta_{1/2}$
100047-01	High Power Green	3.5	4.0	20	50	3400	525	20
	Water Clear	V	V	mA	μ A	med	nm	deg

Absolute Maximum Ratings (Ta = 25°C)

Order Code	Colour	Forward Current Iopr Max	Peak Forward Current Ifp	Reverse Voltage Vr Max	Power Dissipation Pd Max	Operating Temp Topr	Storage Temp Tstg
100047-01	High Power Green	30	100	5.0	120	-20 to +80	-30 to +100
	Water Clear	mA	mA	V	mW	°C	°C

Duty Cycle \leq 1/10
Pulse Width \leq 10 msec

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Opto - Electronic Design and Manufacture

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