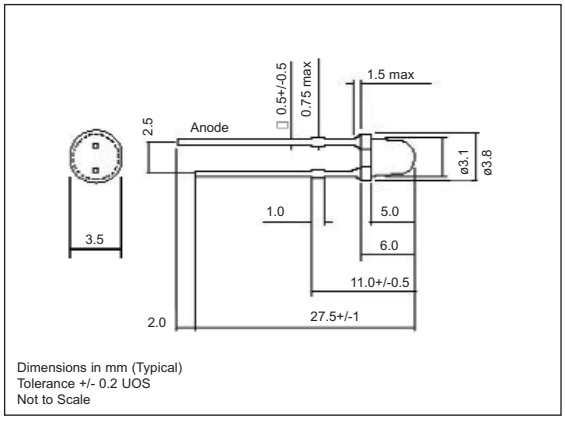
DISCRETE LEDs - Ø 3mm BLUE



- High intensity
- Also available as a 5mm device
- Solid state reliability
- Can be supplied in bulb replacement and panel mounting formats

100044 SERIES

Ordering Information & Typical Technical Characteristics (Ta = 25°C)

* Duty Cycle <= 1/10, Pulse Width <= 10msec

PART NUMBER	COLOUR	TYP. FWD VOLTAGE Vf@Iopr	MAX FWD VOLTAGE Vf@Iopr	FORWARD CURRENT Iopr	MAX REV CURRENT Ir(Vr=5V)	TYPICAL LUMINOUS INTENSITY Iv@Iopr	TYPICAL CHROMATICITY COORDINATES @Iopr	VIEWING ANGLE 2ø½
OPTICAL/ELECTRICAL CHARACTERISTICS (Ta = 25°C)								
100044	Blue	3.6	4.0	20	50	2300	0.13 / 0.075	15
UNITS	**Water Clear**	**V**	**V**	**mA**	**uA**	**mcd**	**x / y**	**deg**

PART NUMBER	COLOUR	FORWARD CURRENT Iopr max	PEAK FWD CURRENT Ifp *	REVERSE VOLTAGE Vr max	POWER DISSIPATION P dmax	DOM WAVELENGTH Typ. λd	OPERATING TEMP Topr	STORAGE TEMP Tstg
ABSOLUTE MAXIMUM RATINGS (Ta = 25°C)								
100044	Blue	30	100	5	120	470	-30 to +85	-40 to +100
UNITS	**Water Clear**	**mA**	**mA**	**Vdc**	**mW**	**nm**	**°C**	**°C**

PRECAUTIONS FOR HANDLING ELECTROSTATIC SENSITIVE LEDs

Static Electricity and Surge

Static electricity and surge will damage the LED and a high standard of care must be taken during handling. It is recommended that a wristband, conductive mat or anti-electrostatic glove is used when handling the LEDs. All devices, equipment (e.g. soldering iron points) and machinery must be properly grounded.

SAFETY PRECAUTIONS FOR HANDLING HIGH BRIGHTNESS LEDs

The light output of the Products may cause injuries to human eyes in circumstances where they are viewed directly with unshielded eyes for more than a few seconds.

Please refer to European Standard BSEN 100015-1 1992 for further information.

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