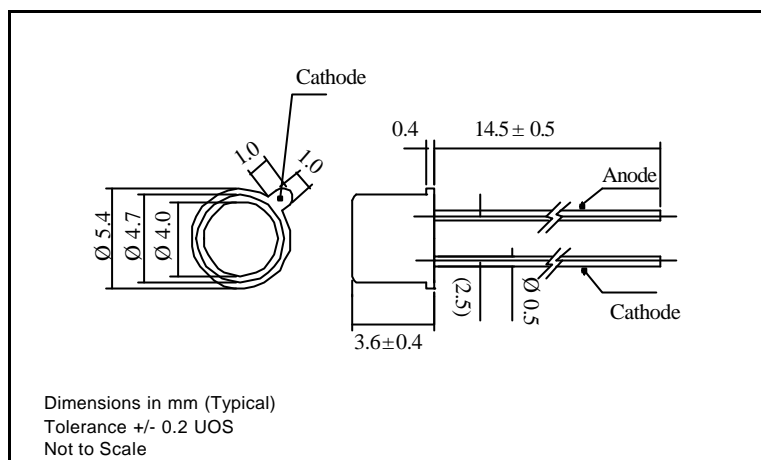


DISCRETE LEDs - Ø 5mm Ultra-Violet



- Wide viewing angle
- 370nm peak wavelength
- Also available in ball lens style (part no 260018)



260019 SERIES

MLQ = 50

Ordering Information & Typical Technical Characteristics (Ta = 25°C)  
Mean Time Between Failure = 100,000 Hours. \* Duty Cycle <= 1/10, Pulse Width <= 10msec

PART NUMBER	COLOUR	TYP. FWD VOLTAGE V <sub>f</sub> @ I <sub>opr</sub>	MAX FWD VOLTAGE V <sub>f</sub> @ I <sub>opr</sub>	FORWARD CURRENT I <sub>opr</sub>	MAX REV CURRENT I <sub>r</sub> (V <sub>r</sub> =5V)	OPTICAL POWER P <sub>o</sub>	SPECTRUM HALF WIDTH Δλ	VIEWING ANGLE 2θ <sub>1/2</sub>
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OPTICAL / ELECTRICAL CHARACTERISTICS (T<sub>a</sub> = 25°C)

260019	Ultra-Violet	3.9		10	85	1	12	110
UNITS	Water Clear	V	V	mA	μA	mW	nm	deg

PART NUMBER	COLOUR	FORWARD CURRENT I <sub>opr</sub> max	PEAK FWD CURRENT I <sub>fp</sub> *	REVERSE VOLTAGE V <sub>r</sub> max	POWER DISSIPATION P <sub>d</sub> max	PEAK WAVELENGTH Typ. λ <sub>p</sub>	OPERATING TEMP T <sub>opr</sub>	STORAGE TEMP T <sub>stg</sub>
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ABSOLUTE MAXIMUM RATINGS (T<sub>a</sub> = 25°C)

260019	Ultra-Violet	15	30		60	370	-30 to +80	-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

**Invisible Laser Radiation : Avoid direct eye exposure to UV light**

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

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