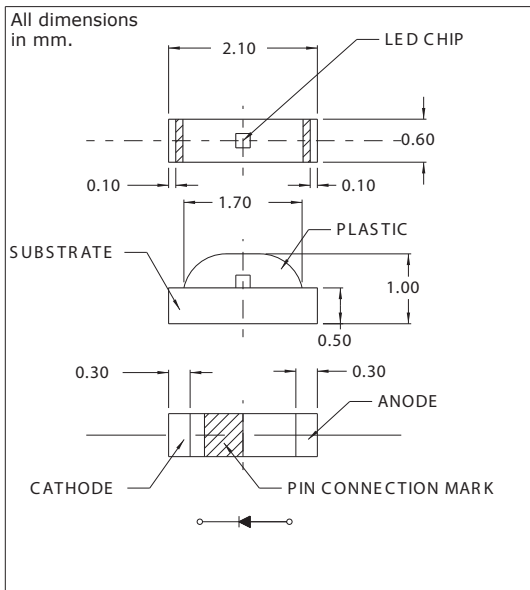


CMD11505 Series Bright Angle™ Right Angle Surface Mount LED

Description and Features



- Right angle mounting.
- Compact size: 2.10mm x 1.00mm x 0.60mm

Surface Mount Technology

- Tape and reel packaged for high-speed autoinsertion.
- Convection and vapor-phase reflow compatible.
- Compact form enables high density placement.
- Packaged 4000 pieces per reel.
- RoHS Compliant

Leading Edge LED Optoelectronic Performance

- Consistent high brightness.

Exceptional Reliability

- Stringent process controls assure quality.
- Extensive qualification testing to meet strictest requirements.
- Designed to permit easy post-reflow solder joint inspection.

- Refer to "Solder Pad Geometry 3.pdf"

Electro-Optical Characteristics and Ratings

PART NUMBER	CMD11505PG
Output Color	Green
Diffused/Non-Diffused	Diffused
Package Color	Clear
Power Dissipation (mW)	70
Peak Forward Current Max. (mA)	60
Reverse Voltage (IR=100μA) (V)	4
Operating Temperature (°C)	-30 to +85
Storage Temperature (°C)	-40 to +100
Forward Voltage Typ. (IF=20mA)	2.1
Forward Voltage Max. (IF=20mA)	2.8
Viewing Angle (degrees)	130
Luminous Intensity Min. (IF=20mA)	3.8
Luminous Intensity Typ. (IF=20mA)	6.4
Peak Wavelength (IF=20mA)	560
Rated Current (mA)	20
Lead Solder Time @ 260°C (seconds)	5