



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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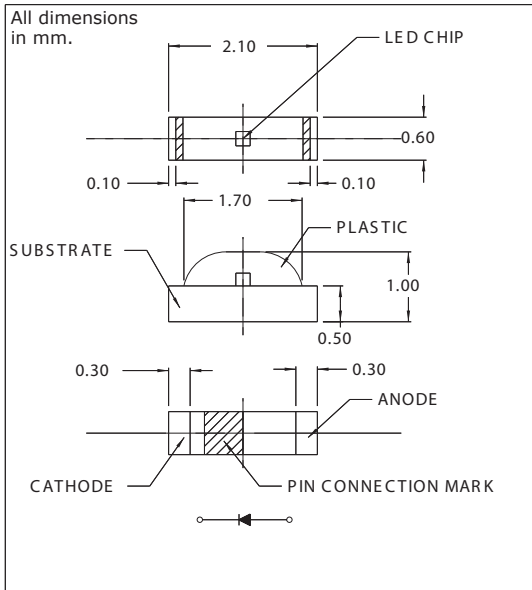
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CMD11505 Series Bright★Angle™ Right Angle Surface Mount LED

Description and Features



- Available in Red, Orange, Yellow, Green and Pure Green.
- 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.

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	CMD11505PY	CMD11505UR
Output Color	Green	Yellow	Red
Diffused/Non-Diffused	Diffused	Diffused	Diffused
Package Color	Clear	Clear	Clear
Power Dissipation (mW)	70	70	57.5
Peak Forward Current Max. (mA)	60	60	60
Reverse Voltage (IR=100μA) (V)	4	4	4
Operating Temperature (°C)	-30 to +85	-30 to +85	-30 to +85
Storage Temperature (°C)	-40 to +100	-40 to +100	-40 to +100
Forward Voltage Typ. (IF=20mA)	2.1	2.1	1.7
Forward Voltage Max. (IF=20mA)	2.8	2.8	2.3
Viewing Angle (degrees)	130	130	130
Luminous Intensity Min. (IF=20mA)	3.8	7.0	7.0
Luminous Intensity Typ. (IF=20mA)	6.4	11.7	11.7
Peak Wavelength (IF=20mA)	560	570	660
Rated Current (mA)	20	20	20
Lead Solder Time @ 260°C (seconds)	5	5	5