



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

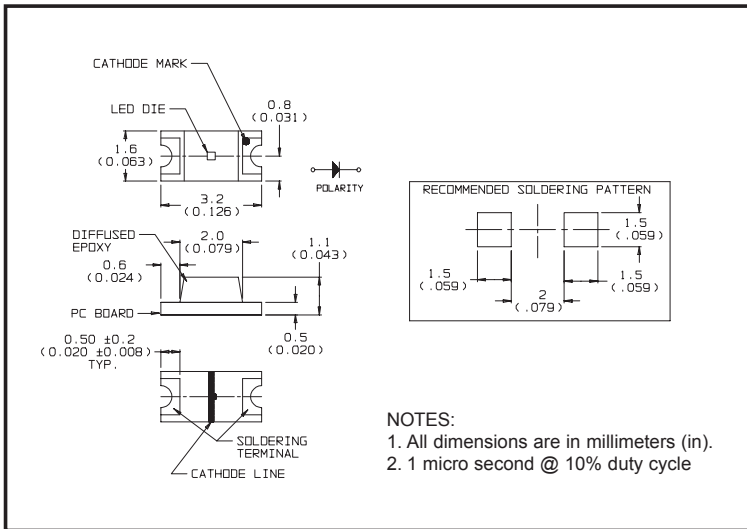
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CMDA2 Series HIGH BRIGHTNESS 1206 Package Size Surface Mount LED Description and Features



Features

- High brightness
- Small size
- Industry standard 1206 Footprint
- Diffused optics
- Top emitting
- Compatible with IR solder profiles
- Ideal for use with Light Pipes
- Available in 8 mm tape on 7" diameter reel
- Packaged 3,000 pieces per reel
- RoHS Compliant

Applications

- LCD backlighting
- Push button backlighting
- Front panel indicator
- Symbol indicator
- Microdisplays
- Small message panel signage

Electro-Optical Characteristics and Ratings

Part Number	Output Color	Diffusion	Package Color	Test Current (mA)	Forward Voltage Typ. (V)	Forward Voltage Max. Typ. (V)	Luminous Intensity Min. (mcd)	Luminous Intensity Typ. (mcd)	Peak Wavelength (nm)	Viewing Angle (Degrees)
CMDA2DY7D1S	Amber	Diffused	White	20	1.9	2.4	25	90	595	170
CMDA2AR7D1S	Red	Diffused	White	20	1.9	2.4	25	90	637	170
CMDA2BA7D1S	Orange	Diffused	White	20	1.9	2.4	25	90	609	170

Absolute Maximum Ratings to = 25°C

Part Number	Power Dissipation (mW)	Operating Temperature (°C)	Storage Temperature (°C)	Peak Forward Current Max. (See note 2) (mA)	Reverse Voltage (IR = 100 mA) (V)	Lead Solder Time at 230°C (Seconds)
DY	75	-30 to +85	-40 to +85	100	5	10
AR	75	-30 to +85	-40 to +85	100	5	10
BA	75	-30 to +85	-40 to +85	100	5	10