



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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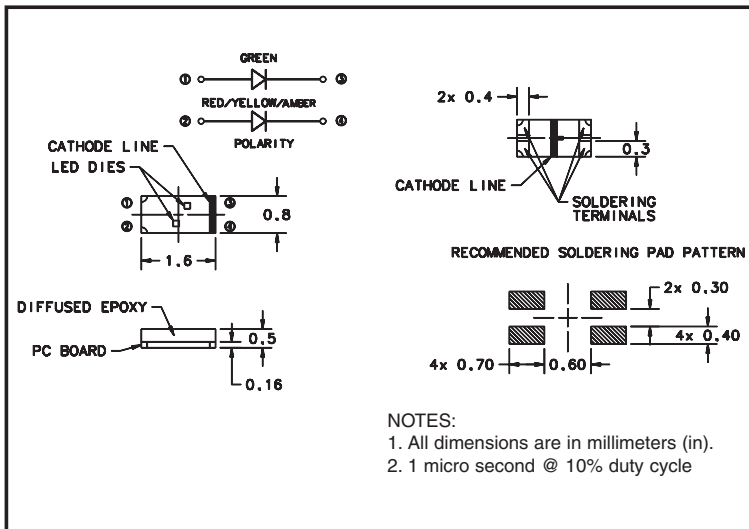
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CMDA20 Series 0603 Package Size Bicolor Surface Mount LED

Description and Features



Features

- Small 1.6 x 0.8 mm Footprint
- Diffused optics
- Ideal for use with Light Pipes
- Compatible with IR solder profiles
- Available in 8 mm tape on 7" diameter reels
- Packaged 4,000 pieces per reel
- RoHS Compliant

Applications

- Keypad backlighting
- Symbol backlighting
- LCD backlighting
- Status indication
- Front panel indicator

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)
CMDA20AYAA7D1S	Green/Amber	Diffused	White	20	2.2/2.2	2.6/2.6	4/2.5	15/8	570/605	120
CMDA20AYCY7D1S	Green/Yellow	Diffused	White	20	2.2/2.1	2.6/2.6	4/2.5	15/8	570/589	120
CMDA20AYBR7D1S	Green/HE Red	Diffused	White	20	2.2/2.1	2.6/2.6	4/2.5	15/8	570/630	120

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)
AYAA	52	-30 to +85	-40 to +85	100	5	10
AYCY	52	-30 to +85	-40 to +85	100	5	10
AYBR	52	-30 to +85	-40 to +85	100	5	10