



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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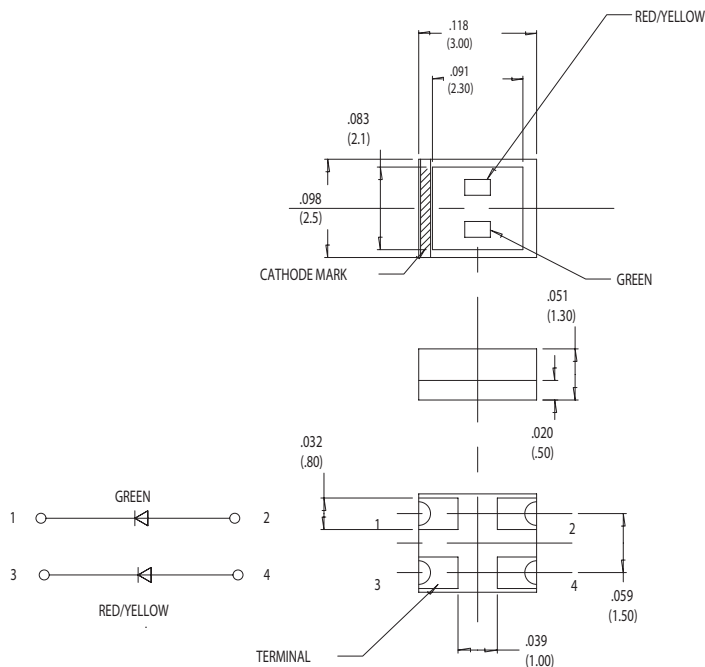
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7016X Series Bicolor SMT LEDs

Description and Features



Color Combinations:

- Red/Green
- Green/Yellow

Surface Mount Technology

- Tape and reel packaged for high-speed autoinsertion.
- Convection and vapor-phase reflow compatible.
- Compact form enables high density placement.
- Packaged 2500 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"

All dimensions are in inches (mm)

For 7016X1/5: Terminals 3 & 4 are for red LED.

For 7016X5/7: Terminals 3 & 4 are for yellow LED.

Electro-Optical Characteristics and Ratings

PART NUMBER	7016X1/5	7016X5/7
Output Color	Red/Green	Green/Yellow
Diffused/Non-Diffused	Non-Diffused	Non-Diffused
Package Color	Clear	Clear
Power Dissipation (mW)	60	60
Peak Forward Current Max. (mA)	75/60	60
Reverse Current Max. ($V_R=4V$)	100	100
Operating temperature ($^{\circ}C$)	-30 to +85	-30 to +85
Storage Temperature ($^{\circ}C$)	-40 to +85	-40 to +85
Forward Voltage Typ. (IF=20mA)	1.75/2.2	2.2/2.1
Forward Voltage Max. (IF=20mA)	2.5/2.8	2.8/2.8
Viewing Angle (degrees)	110	110
Luminous Intensity Min. (IF=20mA)	9.0/9.0	9.0/3.6
Luminous Intensity Max. (IF=20mA)	16/20	20/6.3
Peak Wavelength (IF=20mA)	660/570	570/585
Rated Current (mA)	20/20	20/20
Continuous Forward Current Max. (mA)	30/25	25