



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

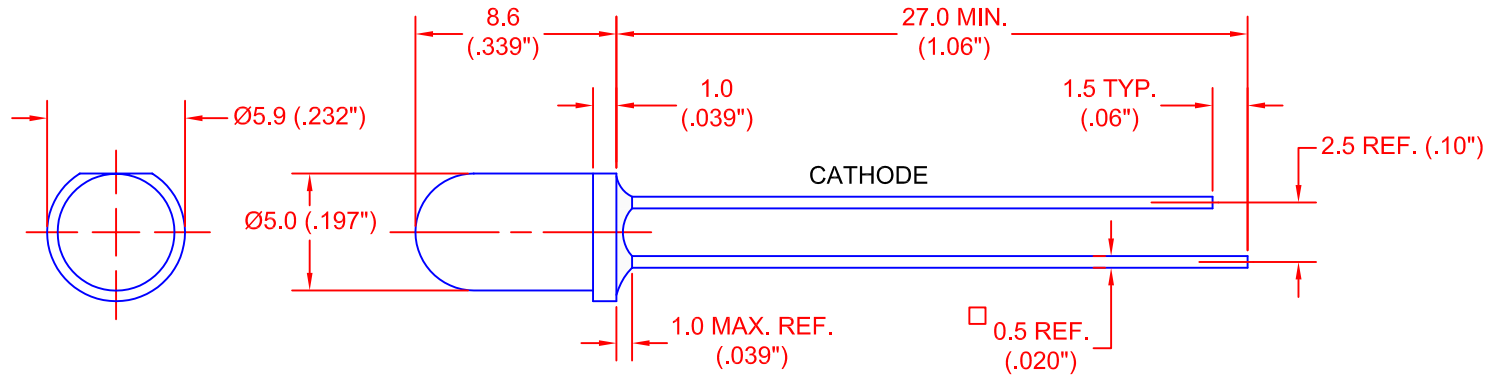
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REV.	DESCRIPTION/ECO NO.	DATE
	RELEASED	10/10/08



ELECTRICAL & OPTICAL CHARACTERISTICS

JKL PART NUMBER	FORWARD VOLTAGE (DC)		FORWARD CURRENT (mA)*		OPERATING TEMP. (C)		INTENSITY mcd**		PEAK WAVELENGTH nm	COLOR		TYP. VIEWING 1/2 ANGLE DEGREE
	TYP.	MAX.	TYP.	MAX.	MIN.	MAX.	MIN.	TYP.		LED SOURCE (DICE)	LENS TYPE	
										TYPE		
Z-221R/250	1.85	2.5	20	25	-40	+85	200	250	660	SUPER BRIGHT RED GaAIAs	RED DIFFUSED	120
Z-221R/500	1.85	2.5	20	25	-40	+85	300	500	660	SUPER BRIGHT RED GaAIAs	RED DIFFUSED	120
Z-222G/300	2.2	2.5	20	25	-40	+85	200	300	565	SUPER BRIGHT GREEN GaP	GREEN TRANSPARENT	30
Z-223R/1000	1.85	2.5	20	25	-40	+85	510	1000	660	SUPER BRIGHT RED GaAIAs	WATER CLEAR	30
Z-223R/2000	1.85	1.85	20	25	-40	+85	1000	2000	660	SUPER BRIGHT RED GaAIAs	WATER CLEAR	30
Z-223R/3500	1.85	1.85	20	25	-40	+85	2000	3500	660	SUPER BRIGHT RED GaAIAs	WATER CLEAR	30
Z-223G/200	2.2	2.5	20	25	-40	+85	100	200	565	SUPER BRIGHT GREEN GaP	WATER CLEAR	30
Z-223Y/2500	2.2	2.5	20	25	-40	+85	700	2500	595	SUPER BRIGHT YELLOW InGaAlP	WATER CLEAR	30

* CONTINUOUS-DUTY RATING

** INTENSITY VALUES ARE AT TYPICAL FORWARD CURRENT OF 20mA

NOTE: ELECTRO STATIC DISCHARGE PROTECTION REQUIRED WHEN HANDLING .

<p>METRIC THIRD ANGLE PROJECTION</p>	<p>DIMENSIONS ARE IN MILLIMETERS (INCHES)</p> <p>TOLERANCE UNLESS OTHERWISE SPECIFIED ±0.25mm (±0.01)</p>	<p>JKL COMPONENTS CORPORATION</p>					
		<p>TITLE T-1 3/4 (5mm) SUPER BRIGHT STRAIGHT FRAME ROUND LED LAMP</p>					
<p>DRAWN BY L. WENGSTROM</p>	<p>APPV'D BY L.R.</p>	<p>DATE 10/10/08</p>	<p>SIZE A</p>	<p>FSCM NO. 55335</p>	<p>DRAWING NO. Z-22 SUPER BRIGHT</p>		
<p>- CAD DRAWING - MANUAL REVISIONS NOT PERMITTED</p>			<p>SCALE NONE</p>	<p>RELEASED DATE 10/10/08</p>	<p>REVISION DATE</p>	<p>REV. NO.</p>	<p>SHEET 1 OF 1</p>