



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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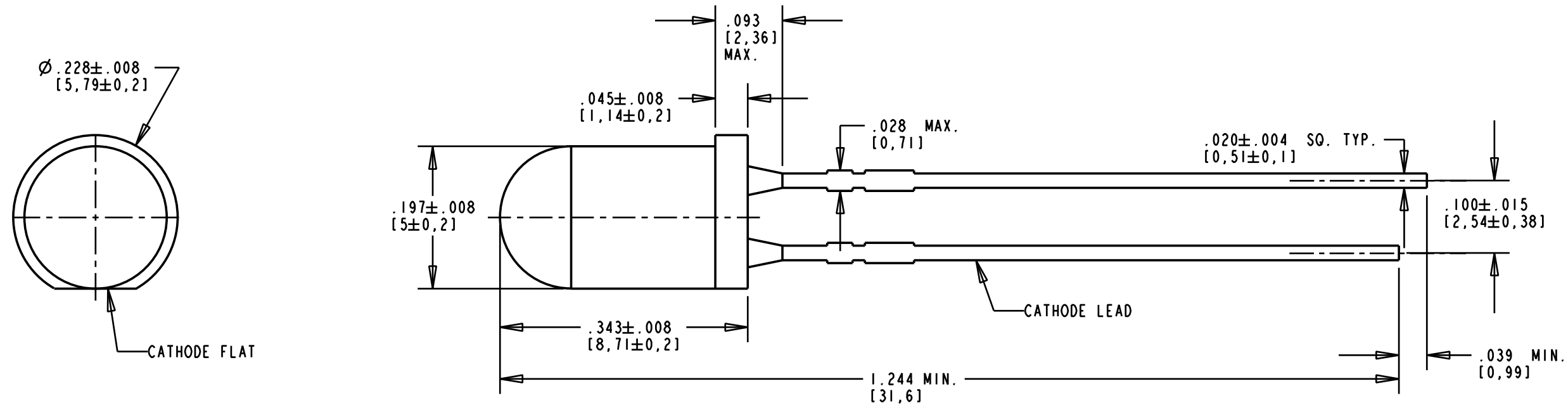
OPERATING CHARACTERISTICS AT T _a = 25°C					
LED CHARACTERISTICS	MIN.	TYP.	MAX.	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	520		1500	mcd	I _F = 20 mA
PEAK WAVELENGTH		470		nm	I _F = 20 mA
DOMINANT WAVELENGTH		472		nm	I _F = 20 mA
VIEWING ANGLE (2 Θ 1/2)		30		deg.	
FORWARD VOLTAGE		3.8	4.0	V	I _F = 20 mA

REV.	ECN NO.	REVISIONS	DRN.	CKD.	APP.	DATE
A		NEW RELEASE	JAV			

ABSOLUTE MAXIMUM RATINGS AT T _a = 25°C		
PARAMETER	VALUE	UNITS
DC FORWARD CURRENT	30	mA
PEAK FORWARD CURRENT	100	mA
POWER DISSIPATION	120	mW
REVERSE VOLTAGE (I _R = 100μA)	5	V
OPERATING TEMPERATURE RANGE	-40 to +80	°C
STORAGE TEMPERATURE RANGE	-40 to +100	°C
DIP-DRAG SOLDER TEMPERATURE	260 FOR 5 SECS.	°C

NOTES:

- LENS COLOR: BLUE.
- LEADS: SOLDER DIP MILD STEEL.
- LEAD SPACING MEASURED NEAR EPOXY PACKAGE.
- SOLDER ADHERANCE: BOTH LEADS PER MIL. STD. 202E, METHOD 208C.
- ATTENTION: OBSERVE PRECAUTIONS FOR HANDLING ELECTROSTATIC SENSITIVE DEVICES. FOR EYE SAFETY DO NOT STARE DIRECTLY INTO THE LIGHT BEAM OF THESE LED DEVICES AT CLOSE RANGE.
- DIALIGHT PART NUMBER: 521-9946



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SCALE 6:1	DRAWING NUMBER	REV
ALL DIM'S IN: INCHES (MM)	C-17091	A
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE	
FRACTIONS: ±1/64	Ø 5.0 mm BLUE LED	
DECIMALS (.XX): ±.01	MATERIAL	
DECIMALS (.XXX): ±.008		
ANGLES: ±1°		
FINISH:	Dialight	1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727
FSCM 83330	SHEET OF	FAMILY TABLE: