



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!



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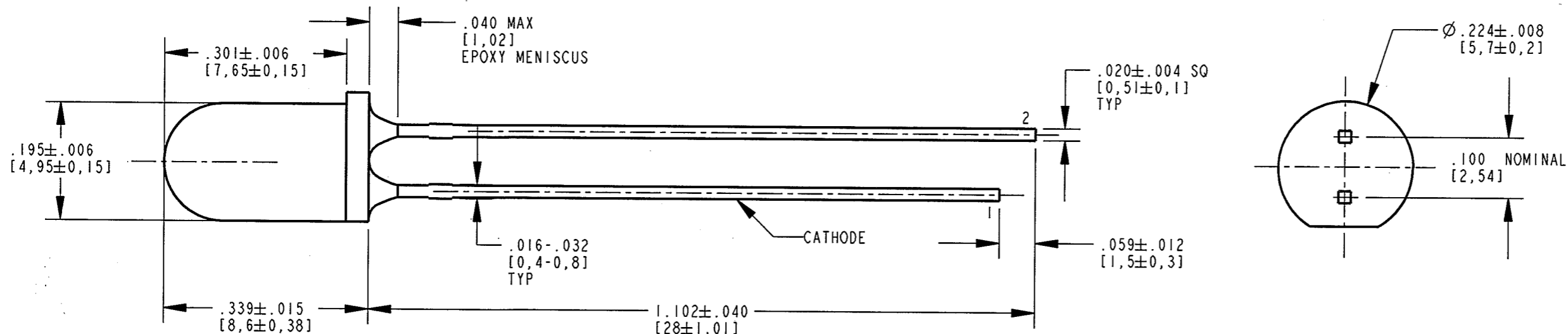


DIALIGHT PART NUMBER	LED & LENS COLOR
521-9270F	GREEN TINTED DIFFUSED
521-9271F	YELLOW TINTED DIFFUSED

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A		NEW RELEASE	KLJ	7/07	#	4-2-09

RoHS COMPLIANT 521-927XF

Part Numbers with the "F" suffix ending are RoHS Compliant.
 For Example: 521-9270F
 Packaging is marked with "RoHS Compliant" label or equivalent markings. Parts can be wave soldered, dip soldered or hand soldered using typical lead-free soldering process with max 260°C temp. for 5 sec.



LED COLOR	LUMINOUS INTENSITY @ I _F = 10 mA (mcd)			FORWARD VOLTAGE @ I _F = 10 mA (V)		DOMINANT WAVELENGTH (nm)			PEAK WAVELENGTH (nm)	REVERSE CURRENT (μA) @ V _R = 12V		VIEWING ANGLE (DEG)
	MIN	TYP	MAX	MIN	MAX	MIN	TYP	MAX	TYP	TYP	MAX	TYP
GREEN	4.5	8	11.2	2.0	2.5	564	570	576	572	.01	10	50
YELLOW	4.5	16	28	2.0	2.5	580	587	595	586	.01	10	50



ATTENTION:
 OBSERVE PRECAUTIONS FOR
 HANDLING ELECTROSTATIC
 SENSITIVE DEVICES

	GREEN	YELLOW	UNITS
POWER DISSIPATION	130		mW
FORWARD CURRENT	40		mA
SURGE CURRENT (t ≤ 10 μs, D = 0.005)	500		mA
DERATE LINEARLY FROM 50°C	0.75		mA/°C
REVERSE VOLTAGE (I _R = 10 μA)	12		V
STORAGE TEMPERATURE	-55 TO +100		°C
OPERATING TEMPERATURE	-55 TO +100		°C
SOLDERING TEMPERATURE, 1/16" FROM BODY FOR 5 SEC	260		°C

NOTES:

- DIE TECHNOLOGY: AlGaP
- LEAD SPACING MEASURED NEAR EPOXY PACKAGE.
- PIN NUMBERS FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PART.
- DIALIGHT PART NUMBER: 521-9270F, 521-9271F.
- THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING, AND STORAGE IN ACCORDANCE WITH IPC-A-610.

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SCALE: 5.000	DRAWING NUMBER	REV
ALL DIM'S IN: INCHES (MM)	C-17720	A
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE \varnothing 5mm TINTED DIFFUSED LED RoHS COMPLIANT	
FRACTIONS: ±1/64	MATERIAL	
DECIMALS (.XX): ±.02	Dialight 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727	
DECIMALS (.XXX): ±.010	FSCM 83330	
ANGLES: ±3°	SHEET 1 OF 1 FAMILY TABLE:	
FINISH:		