

REV

ECN NO

REVISIONS

DRN

CKD

APP

DATE

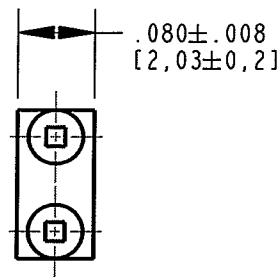
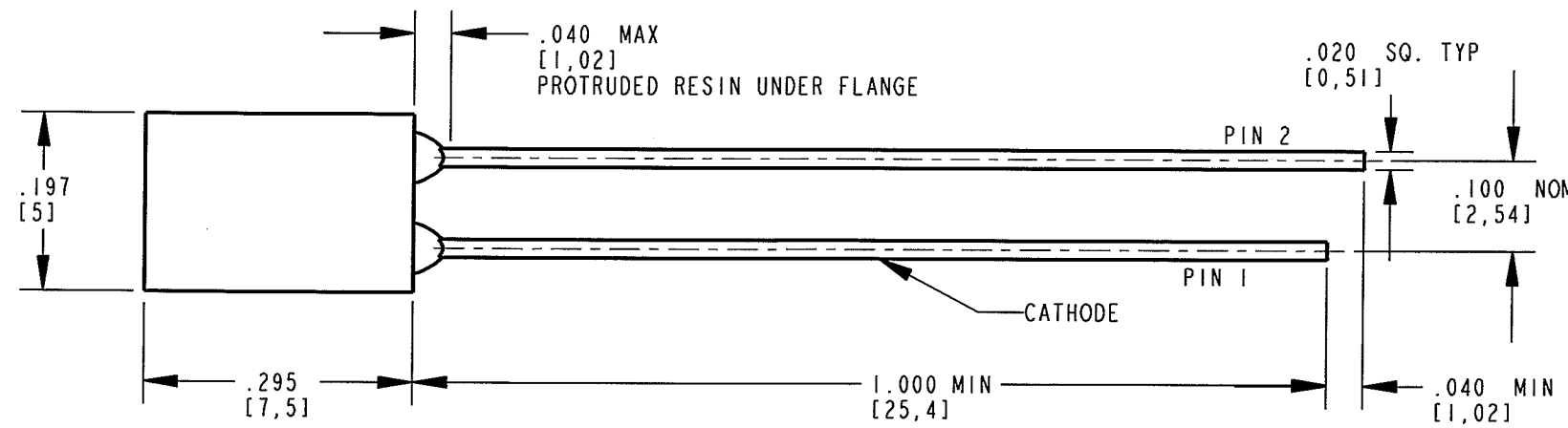
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NEW RELEASE

KLJ

7.8.14

4/15/08



ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT			
POWER DISSIPATION	100	60	mW
DC FORWARD CURRENT	30	20	mA
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH)	120	80	mA
DERATE LINEARLY FROM 50°C	0.4	0.25	mA/°C
REVERSE VOLTAGE (I _R =100 μA)	5		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:
1. LEAD SPACING IS MEASURED WHERE LEADS EMERGE FROM PACKAGE.
 2. PIN NUMBERS FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PART.
 3. DIALIGHT PART NUMBERS: 521-9332F, 521-9452F.
 4. THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING, AND STORAGE IN ACCORDANCE WITH IPC-A-610.
 5. PACKAGING: 100 PCS PER ANTISTATIC BAG (4" X 5").
 6. LABEL TO CONTAIN DIALIGHT CATALOG P/N, QTY. PER BAG, DATE CODE, LOT NUMBER, INTENSITY BIN CODE, COLOR BIN CODE, AND COUNTRY OF ORIGIN.
 7. BAG TO BE MARKED WITH RoHS COMPLIANT AND ESDS HANDLING PRECAUTION LABELS OR EQUIVALENT MARKINGS.



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES

OPERATING CHARACTERISTICS AT 25°C AMBIENT						
CHARACTERISTICS	UNITS	COLOR	VALUE			TEST CONDITIONS
			MIN	TYP	MAX	
LUMINOUS INTENSITY	mcd	GREEN	1.1	3.7		I _f = 10 mA
		YELLOW	1.1	3.7		
FORWARD VOLTAGE	V	GREEN		2.1	2.6	I _f = 20 mA
		YELLOW				
REVERSE CURRENT	μA	GREEN			100	V _R = 5 V
		YELLOW				
DOMINANT WAVELENGTH	nm	GREEN		569		
		YELLOW		588		
PEAK WAVELENGTH	nm	GREEN		565		
		YELLOW		585		
VIEWING ANGLE (2 Θ 1/2)	DEG	ALL		140		

RoHS COMPLIANT 521-9332F & 521-9452F
Part Numbers with the "F" suffix ending are RoHS Compliant. 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.

THIS DRAWING AND THE CONTENTS HEREIN ARE CONFIDENTIAL AND THE SOLE PROPERTY OF DIALIGHT. REPRODUCTION OF THIS DRAWING OR CONSTRUCTION OF ANY PARTS WITHIN THIS DRAWING ARE FORBIDDEN WITHOUT THE WRITTEN CONSENT OF DIALIGHT.

SCALE: 5.000
ALL DIM'S IN: INCHES (MM)

TOLERANCES:
UNLESS OTHERWISE SPECIFIED
FRACTIONS: ±1/64
DECIMALS (.XX): ±.01
DECIMALS (.XXX): ±.010
DECIMALS (.XXXX): ±.0005
ANGLES: ±1°

FINISH: -

FSCM 83330

DRAWING NUMBER
C-17602

REV
A

TITLE
2mm x 5mm RECTANGULAR LED
RoHS COMPLIANT

MATERIAL
-

Dialight
1501 ROUTE 34 SOUTH
FARMINGDALE, NJ 07727

SHEET 1 OF 1
FAMILY TABLE: