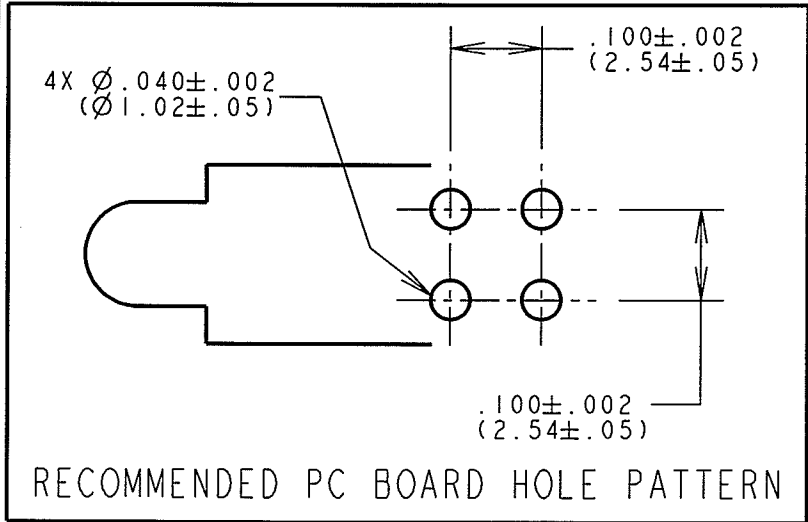
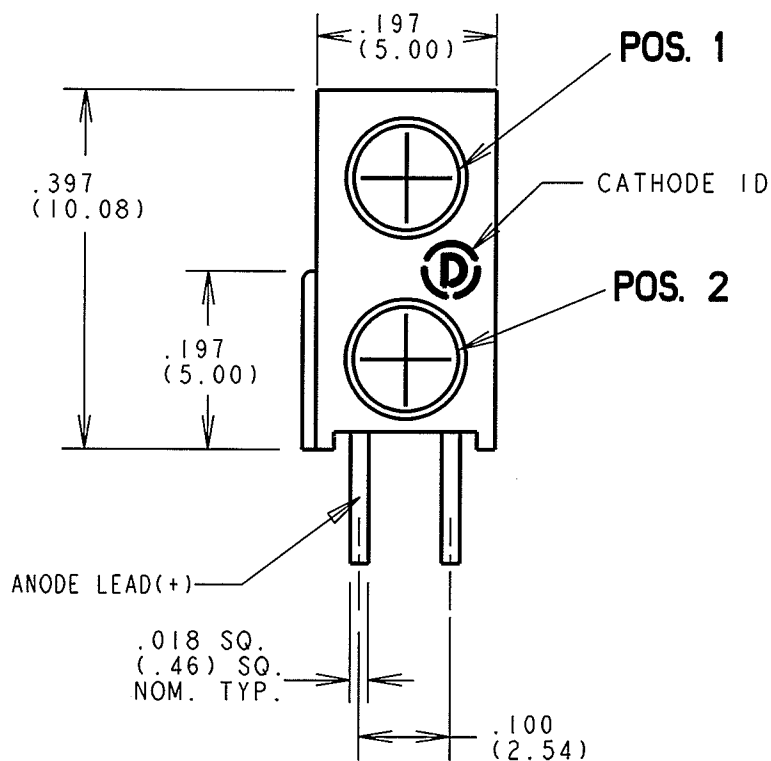
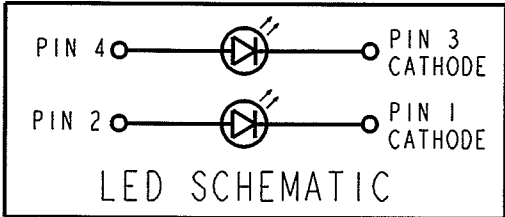


PART NUMBER	DIFFUSED LED COLOR	
	POSITION 1	POSITION 2
553-0221-410F	GREEN 2ma	RED 2ma
553-0222-410F	GREEN 2ma	GREEN 2ma
553-0223-410F	GREEN 2ma	YELLOW 2ma



ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT	COLOR			UNITS
	RED	GREEN	YELLOW	
POWER DISSIPATION	20	20	75	mW
CONTINUOUS FORWARD CURRENT	7	7	30	mA
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH)	500	500	60	mA
REVERSE VOLTAGE	5			V
STORAGE TEMPERATURE	-55 TO +100			°C
OPERATING TEMPERATURE	-55 TO +100		-40 TO +100	°C
SOLDERING TEMPERATURE, 1/16" FROM BODY FOR 5 SEC	260			°C

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A		NEW RELEASE	KLJ	n.c.	11/17/08	

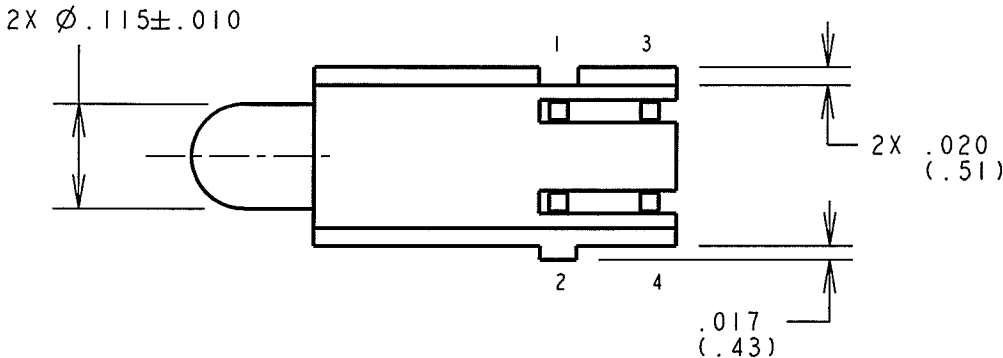
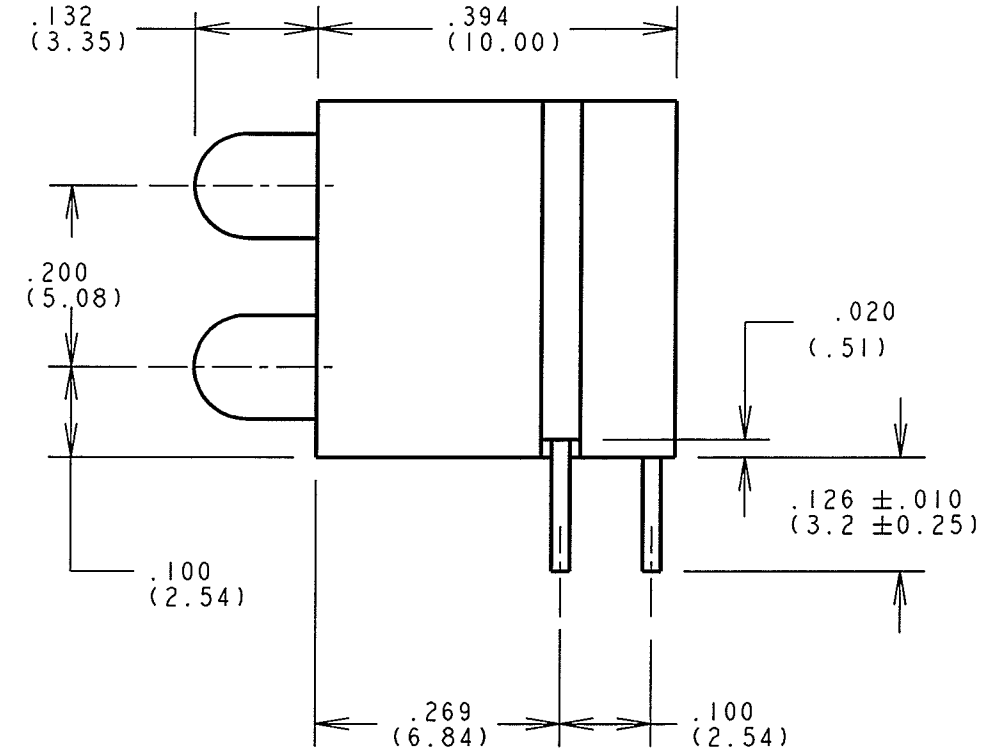


ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES

OPERATING CHARACTERISTICS AT 25°C AMBIENT						
CHARACTERISTICS	UNITS	COLOR	VALUE			TEST CONDITIONS
			MIN	TYP	MAX	
LUMINOUS INTENSITY	mcd	RED	1.0	1.6		I _F = 2 mA
		GREEN	1.0	1.6		
		YELLOW	2.3	5.0		
FORWARD VOLTAGE	V	RED		1.7	2.2	I _F = 2 mA
		GREEN		1.9	2.2	
		YELLOW		1.8	2.4	
REVERSE CURRENT	μA	RED			10	V _R = 5 V
		GREEN			10	
		YELLOW			100	
DOMINANT WAVELENGTH	nm	RED				
		GREEN				
		YELLOW		587		
PEAK WAVELENGTH	nm	RED		635		
		GREEN		565		
		YELLOW		591		
VIEWING ANGLE (2 Θ 1/2)	DEG	ALL		60		

RoHS COMPLIANT 553-022X-410F

Part Numbers with the "F" suffix ending are RoHS Compliant.
For example: 553-0222-410F
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.



NOTES:

- LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT.
- LEADS TO FIT INTO HOLES SPACED AS PER PATTERN.
- PIN NUMBERS FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PART.
- DIALIGHT PART NUMBERS: 553-022X-410F.
- THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING, AND STORAGE IN ACCORDANCE WITH IPC-A-610.

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: DRAWING SCALE ALL DIM'S IN: INCHES (MM)	DRAWING NUMBER C-17582	REV A
TOLERANCES: UNLESS OTHERWISE SPECIFIED FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.005 DECIMALS (.XXXX): ±.0005 ANGLES: ±1°	TITLE Ø3mm BI-LEVEL DIN AND REVERSE POLARITY OPTION; RoHS COMPLIANT	
FINISH:	MATERIAL	
FSCM 83330	Dialight 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727	
SHEET 1 OF 1 FAMILY TABLE:		

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Dialight:

[553-0222-410F](#) [553-0223-410F](#) [553-0221-410F](#)