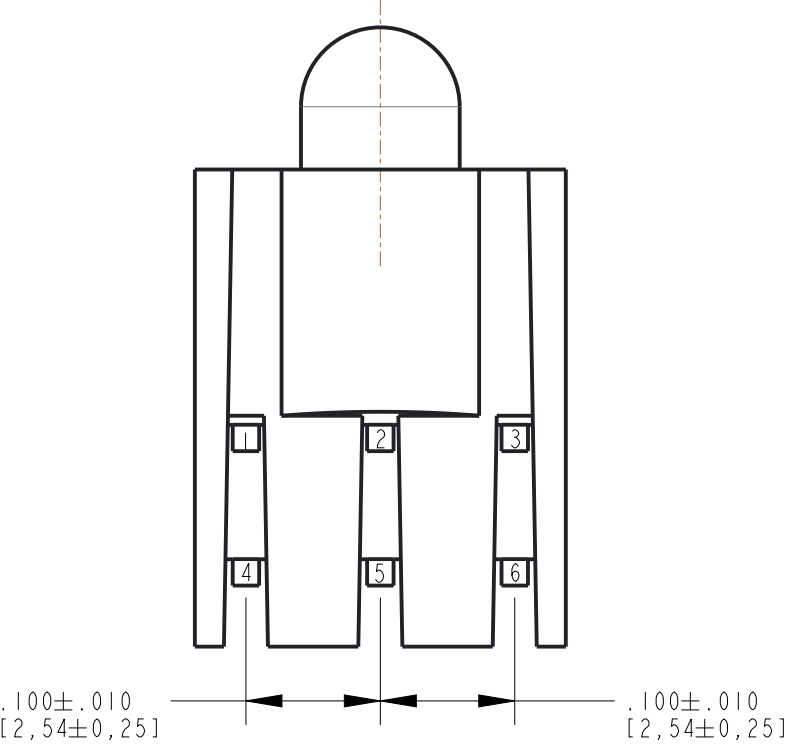
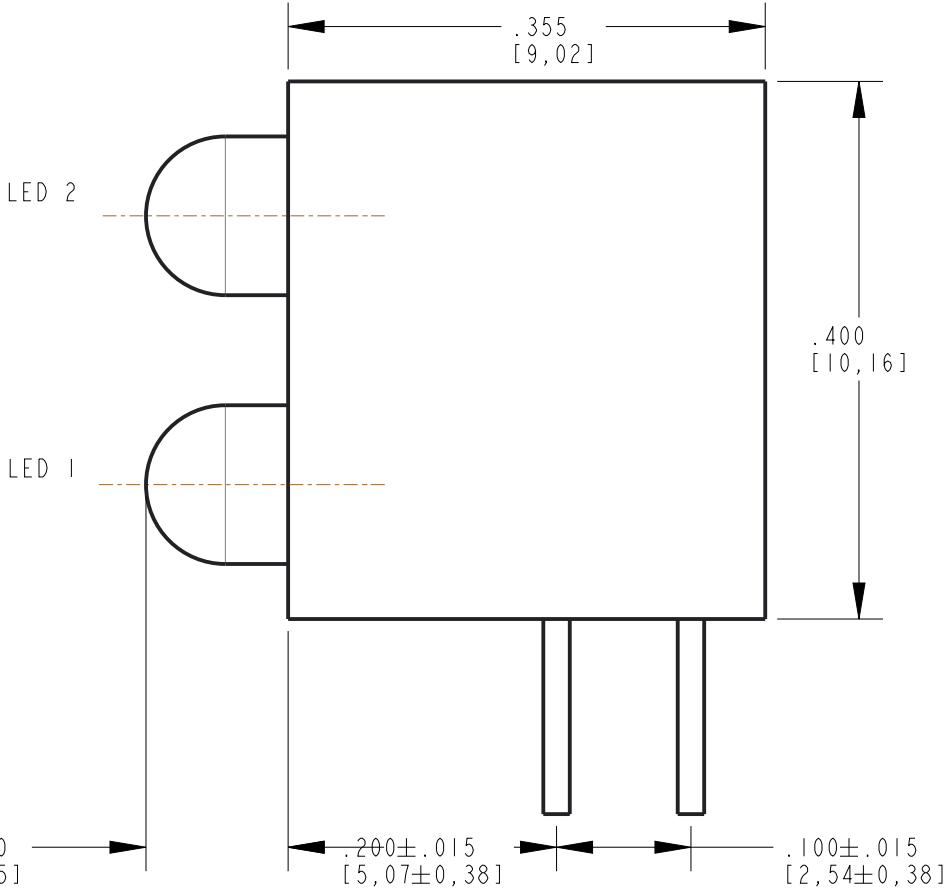
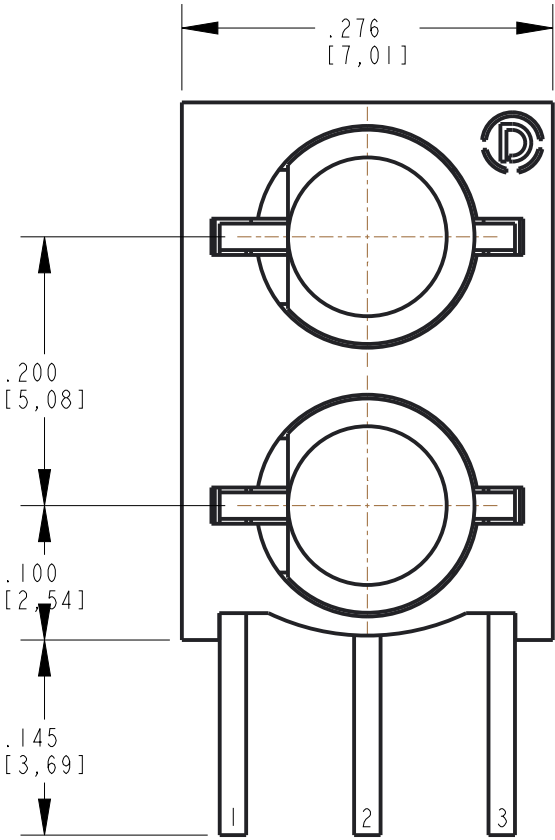


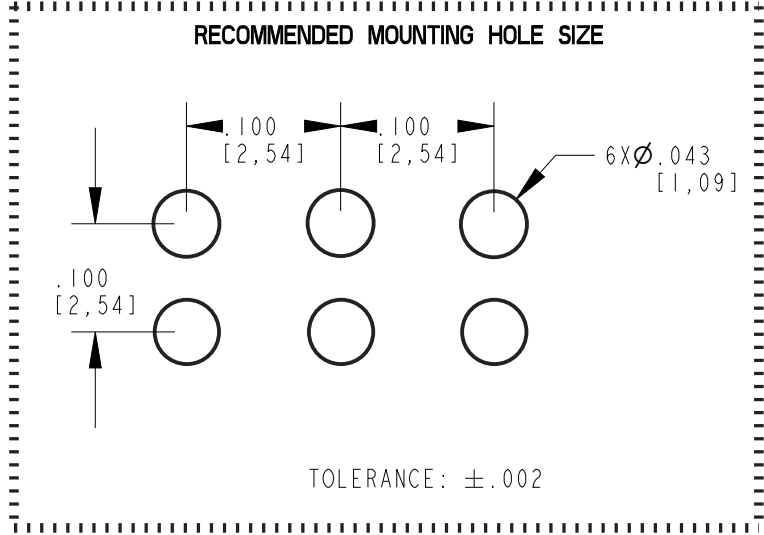
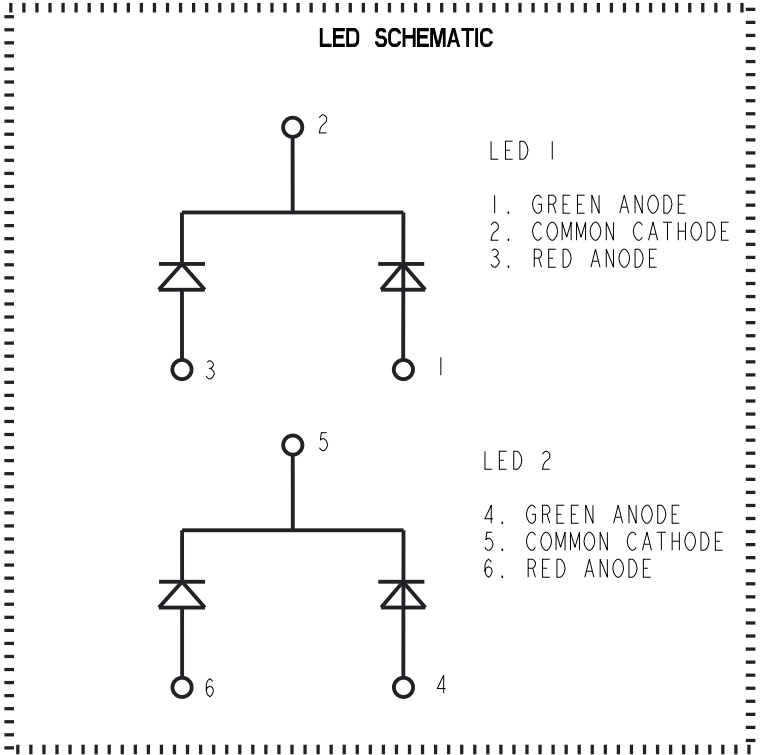
NOTES:
1. DIALIGHT PART NUMBER: 553-3511-600F
2. CENTER TO CENTER LEAD DIMENSIONS MEASURED AT HOUSING EXIT.
3. THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING, AND STORAGE IN ACCORDANCE WITH IPC-A-610.



ABSOLUTE MAXIMUM RATINGS AT TA=25 C			
PARAMETER	GREEN	RED	UNIT
POWER DISSIPATION	78	78	mW
PEAAK FORWARD CURRENT (DUTY CYCLE < 1/10, PULSE WIDTH < 10ms)	90	90	mA
DC FORWARD CURRENT	30	30	mA
OPERATING TEMPERATURE RANGE	-30° C TO +85° C		
STORAGE TEMPERATURE RANGE	-40° C TO +100° C		
LEAD SOLDERING TEMPERATURE [2.0mm(.079")FROM BODY]	260° C FOR 5 SECONDS MAX.		

ELECTRICAL/OPTICAL CHARACTERISTICS AT TA=25 C							
PARAMETER	SYMBOL	COLOR	MIN.	TYP.	MAX.	UNIT	TEST CONDITION
RADIANT INTENSITY	I _v	RED GREEN	29 29	50 50	100 100	mcd	IF=20mA
VIEWING ANGLE		RED GREEN		75		deg	
PEAK EMISSION WAVELENGTH		RED GREEN		630 565		nm	
DOMINANT WAVELENGTH		RED GREEN	615 565	625 573	634 578	nm	
SPECTRAL LINE HALF-WIDTH		RED GREEN		40 30		nm	
FORWARD VOLTAGE	V _F	RED GREEN		2.0 2.1	2.6 2.6	V	IF=20mA
REVERSE CURRENT	I _R	RED GREEN			100		VR=5V

REV	REVISIONS	DRN	CKD	DATE
A	NEW RELEASE	LD	NO	1-4-22
B	POWER DISSIPATION WAS 100, PEAK FORWARD CURRENT WAS 120 TYP INTENSITY WAS 19, & MIN INTENSITY WAS 12.6	LD	NO	4-12-22



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DIALIGHT CORP. INTERNAL REFERENCE ONLY = 3D MODEL : 5533511600F-A.8			
SCALE: 7.000	DRAWING NUMBER	REV	
ALL DIM's: INCH (mm)	C-18456		B
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE		
FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.005 DECIMALS (.XXXX): ±.0005 ANGLES: ±1°	3MM BI LVL CBI R/G 3 LEADS		
FINISH	MATERIAL		
-	SEE BOM		
FSCM 83330	Dialight		
	1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727 (732) 919-3119 www.dialight.com		
	SHEET 1 OF 1	FAMILY TABLE:	