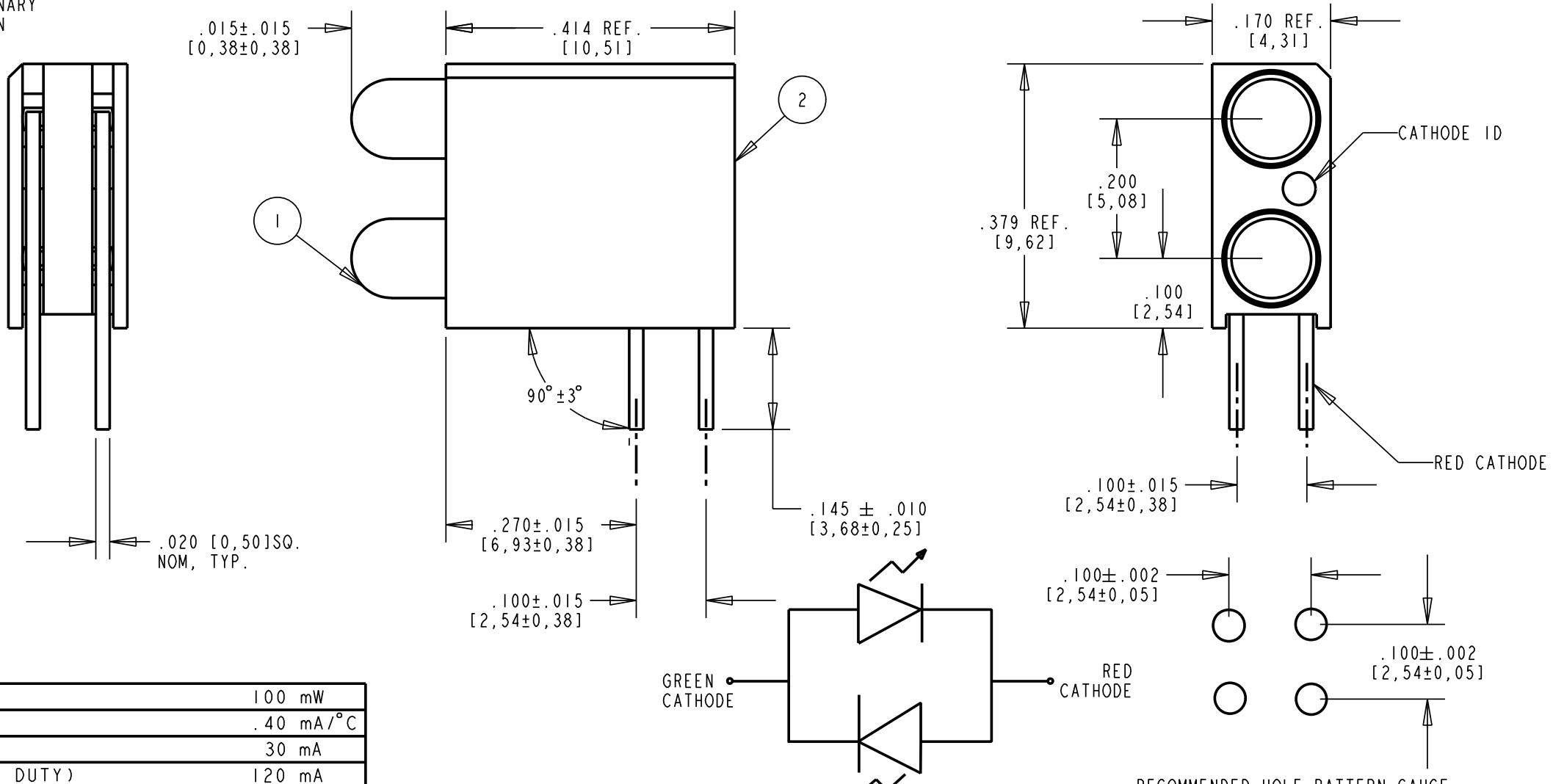


NOTES:

1. LEADS TO BE FREE OF DEFORMATION AFTER BENDING AND CUTTING.
2. LAMP MUST BE SEATED ALL THE WAY DOWN INTO HOUSING. BEND MUST BE TIGHT, NO LONGITUDINAL TRAVEL ALONG AXIS ALLOWED.
3. FOR DIALIGHT INTERNAL DRAWING REFER TO 553-0711-100F.
4. THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING AND STORAGE IN ACCORDANCE WITH IPC-A-610.

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	—	NEW RELEASE	CE	AE		



ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT

POWER DISSIPATION	100 mW
DERATE LINEARLY FROM 50°C	.40 mA/°C
CONTINUOUS FORWARD CURRENT	30 mA
PEAK FORWARD CURRENT (10 ms PULSE WIDTH, 1/10 DUTY)	120 mA
PEAK REVERSE VOLTAGE	5 V
LEAD SOLDERING TEMPERATURE, 6 SEC., 1/16" FROM BASE	260°C
OPERATING TEMPERATURE	-55°C TO +100°C
STORAGE TEMPERATURE	-55°C TO +100°C

OPERATING CHARACTERISTICS AT 25°C AMBIENT

LED CHARACTERISTICS	COLOR	MIN.	TYP.	MAX.	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	GREEN RED	3.7 2.5	10.0 4.7		mcad	$I_F = 10$ mA
FORWARD VOLTAGE	GREEN RED		2.1 2.0	2.8	V	$I_F = 20$ mA
REVERSE CURRENT	GREEN RED			100	$\mu$ A	$V_R = 5$ V
PEAK WAVELENGTH	GREEN RED		565 635		nm	$I_F = 20$ mA
2 X 1/2-INTENSITY ANGLE	GREEN RED		60		DEGREES	$I_F = 20$ mA
CAPACITANCE	GREEN RED		35 20		pF	$V_R = 0$ V, $f = 1$ MHz



ATTENTION:  
OBSERVE PRECAUTIONS FOR  
HANDLING ELECTROSTATIC  
SENSITIVE DEVICES

ITEM	QTY	DESCRIPTION
2	1	HOUSING
1	2	LED RED-GREEN BICOLOR

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	C-17376	A
SCALE: 5.000		
ALL DIM'S IN: INCHES (MM)		
TOLERANCES: UNLESS OTHERWISE SPECIFIED		
FRACTIONS: ±1/64		
DECIMALS (.XX): ±.01		
DECIMALS (.XXX): ±.005		
DECIMALS (.XXXX): ±.0005		
ANGLES: ±1°		
FINISH:		
Dialight	1501 ROUTE 34 SOUTH	
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SHEET 1 OF 1	FAMILY TABLE:	

RoHS Compliant 553-0711-100F  
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.

# Mouser Electronics

Authorized Distributor

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

Dialight:

553-0711-100F