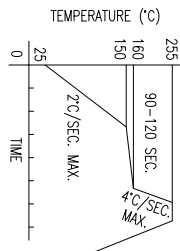
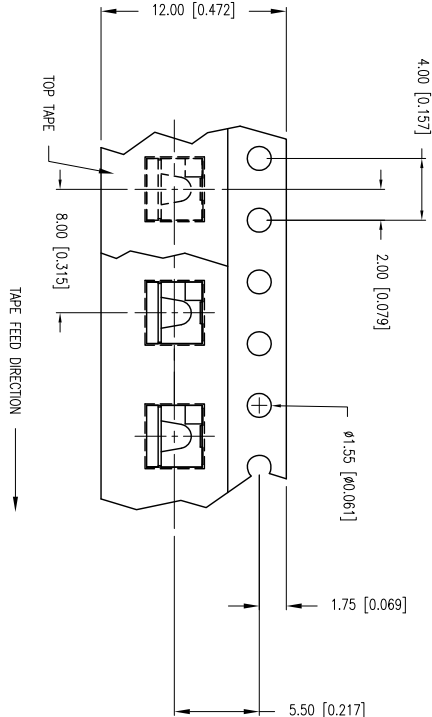
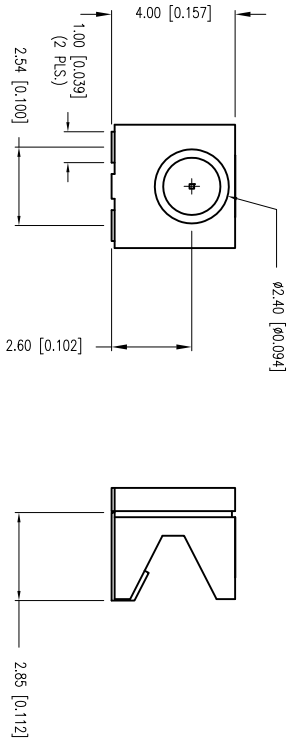


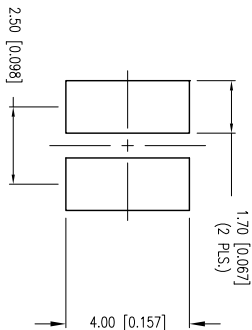
LEAD FREE REFLOW PROFILE
10 SEC. MAX.



TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.



RECOMMENDED SOLDER PAD LAYOUT



ELECTRO-OPTICAL CHARACTERISTICS $I_A=25^\circ\text{C}$				
PARAMETER	MIN	TYP	MAX	UNITS
PEAK WAVELENGTH	574		2.8	nm
FORWARD VOLTAGE	2.2			V _f
REVERSE VOLTAGE	5.0			V _r
AXIAL INTENSITY		210		mcad
VIEWING ANGLE		90		2x theta
EMITTED COLOR:		GREEN		
EPOXY LENS FINISH:		WATER CLEAR LENS		

LIMITS OF SAFE OPERATION AT 25°C				
PARAMETER	MAX			UNITS
PEAK FORWARD CURRENT*	150			mA
STEADY CURRENT	25			mA
POWER DISSIPATION	100			mW
DERATE FROM 25°C	-1.2			mW/°C
OPERATING TEMP.	-40 TO +85			°C
STORAGE TEMP.	-40 TO +85			°C
* I<100AS				

- NOTES:
1. 500 PIECES PER REEL.
 2. THE CATHODE IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.

CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 2 STANDARDS

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=+1 (±0.039), XX=±0.5 (±0.020), XXX=±0.127 (±0.005), LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030), MIN= -0.00

UNCONTROLLED DOCUMENT

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RIGHT ANGLE BOOMERANG SURFACE MOUNT LED, 574nm SUPER ULTRA GREEN LED, WATER CLEAR LENS.
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SCALE: NTS
UNIT: mm [INCH]
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