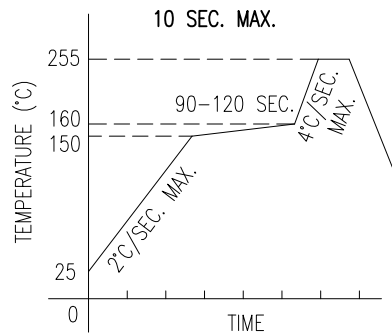


LEAD FREE REFLOW PROFILE



TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.

ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH (R/G)		639/575		nm	
FORWARD VOLTAGE (R/G)		2.0	2.4	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100µA
AXIAL INTENSITY (R/G)		50		mcd	If=20mA
VIEWING ANGLE		120			
EMITTED COLOR:	RED/GREEN				
LENS FINISH:	WATER CLEAR				

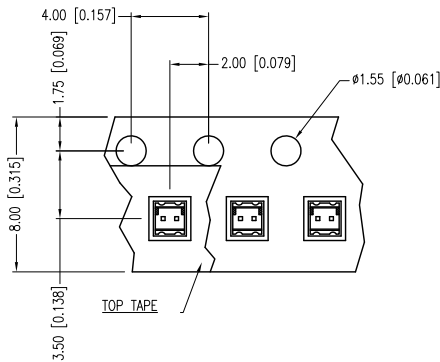
LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		60	mA
STEADY CURRENT	(R/G)	25	mA
POWER DISSIPATION		60	mW
DERATE FROM 25°C		-1.2	mW/°C
OPERATING TEMP.		-40 TO +85	°C
STORAGE TEMP.		-40 TO +85	°C

\* t<10µs

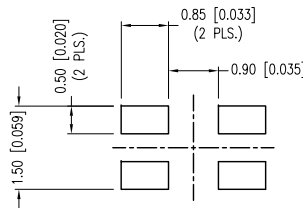
NOTES:

1. THE CATHODE MARK IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.



TAPE FEED DIRECTION →

RECOMMENDED SOLDER PAD LAYOUT



CAUTION: MOISTURE SENSITIVE DEVICE PER JEDEC LEVEL 3 STANDARDS

\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN.= +DECIMAL PRECISION MAX.= +0.00 -DECIMAL PRECISION

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1.6mm x 1.5mm ULTRA THIN SURF MNT LED,639nm AllnGaP R/ 575nm G BICOLOR LED,WTR CLR LENS,TAPE&REEL

\*\*THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.\*\*

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PAGE:	1 OF 1	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	KF
UNIT:	mm [INCH]		Ⓟ