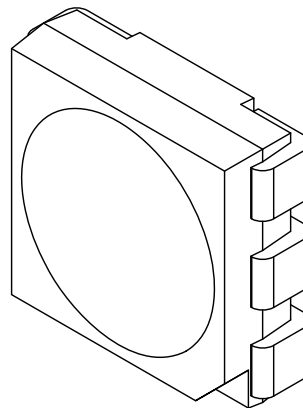
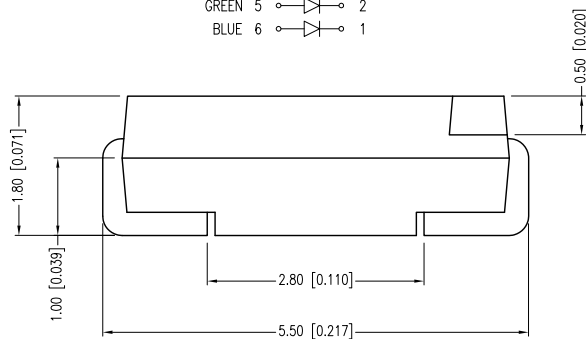
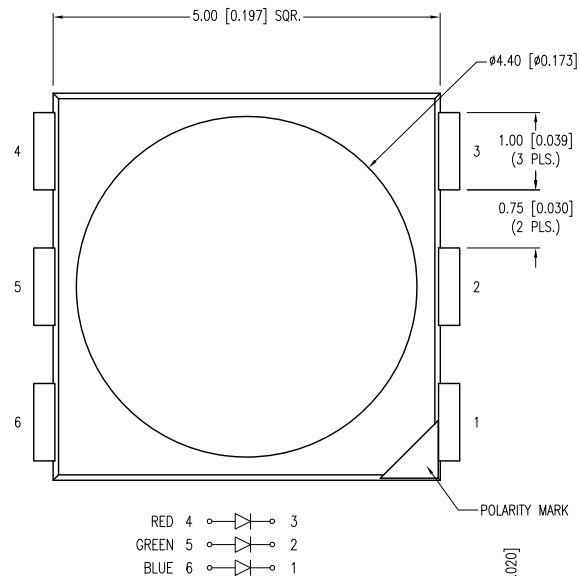
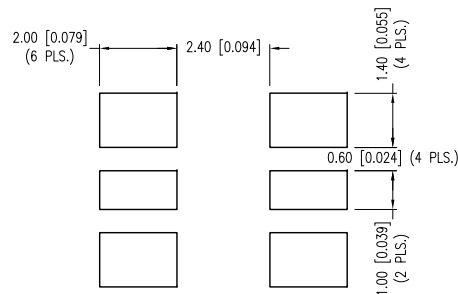




RECOMMENDED SOLDER PAD LAYOUT



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

PARAMETER	RED	GREEN	BLUE	UNITS	TEST COND
PEAK WAVELENGTH	625	525	470	nm	
FORWARD VOLTAGE (TYP)	2.0	3.20	3.10	Vf	
FORWARD VOLTAGE (MAX)	2.5	3.70	3.70	Vf	
REVERSE VOLTAGE	5.0	5.0	5.0	Vr	If=100μA
AXIAL INTENSITY	530	1000	310	mcd	If=20mA
VIEWING ANGLE	120	120	120	2x theta	
EMITTED COLOR:	RED/GREEN/BLUE				
LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	125	mA
STEADY CURRENT (R/G/B)	50/30/30	mA
POWER DISSIPATION (R/G/B)	120/110/110	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +80	°C
STORAGE TEMP.	-40 TO +85	°C

* t<10μs

CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 3 STANDARDS

CAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.

*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

UNCONTROLLED DOCUMENT



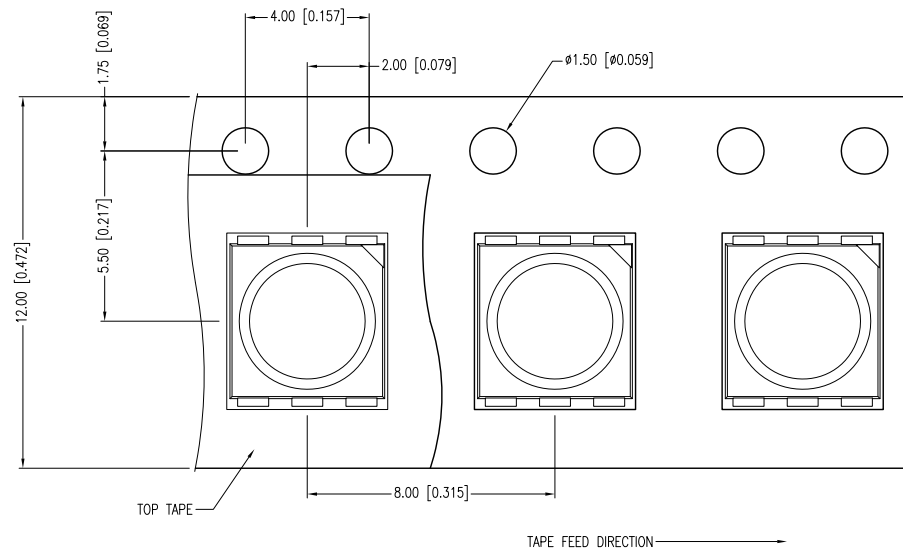
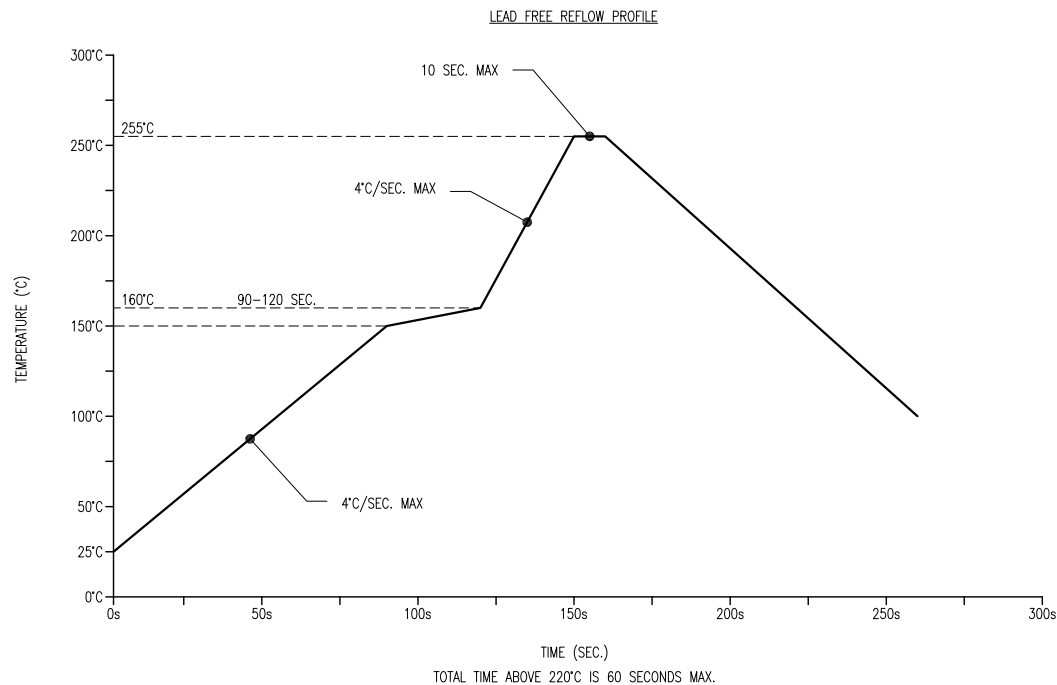
290 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
FAX: +1.847.359.6538
WEB: WWW.LUMEX.COM
MEMBER OF ITW PHOTONICS GROUP

5mm x 5mm SURFACE MOUNT LED, 632/518/468nm RED/GREEN/BLUE TRICOLOR, WATER CLEAR, 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 2	CHKD BY:	SS
SCALE:	NTS	APRVD BY:	SS
UNIT:	mm [INCH]		(P6)



*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= ^{+0.00}/_{-0.00} DECIMAL PRECISION MAX.= ^{+0.00}/_{-0.00} DECIMAL PRECISION

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