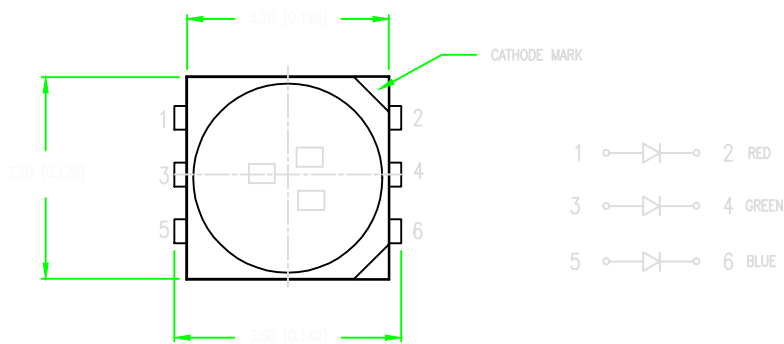
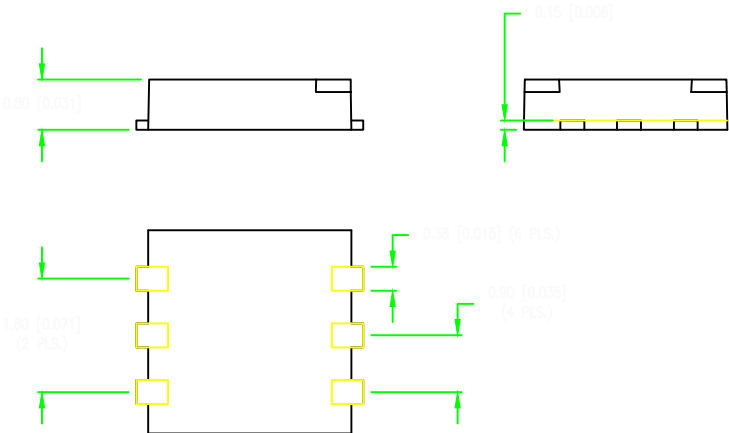


CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 4 STANDARDS

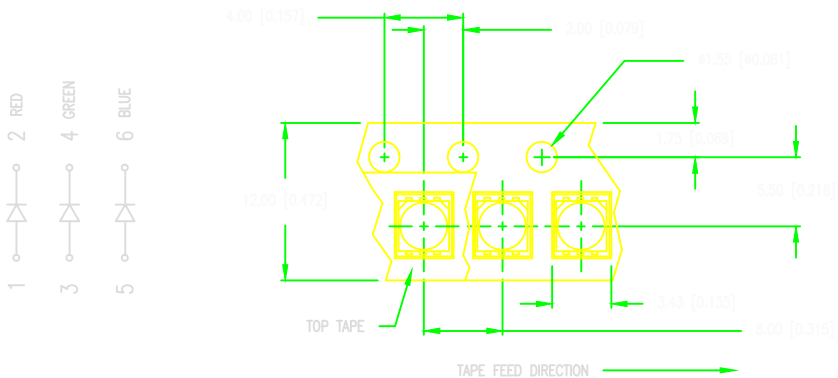
ELECTRO-OPTICAL CHARACTERISTICS TA=25°C					IF=20mA
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		632 (RED)		nm	
		518 (GREEN)		nm	
		468 (BLUE)		nm	
FORWARD VOLTAGE	(R)	1.7	2.7	Vf	IF=20mA
	(G)	2.7	3.7	Vf	IF=20mA
	(B)	2.7	3.7	Vf	IF=20mA
REVERSE VOLTAGE		5.0		VR	IR=10µA
AXIAL INTENSITY	(R)	450	900	mcd	IF=20mA
	(G)	1120	1800	mcd	IF=20mA
	(B)	225	450	mcd	IF=20mA
VIEWING ANGLE		120		2x theta	
EMITTED COLOR:	RED/GREEN/BLUE				
EPOXY LENS FINISH:	WATER CLEAR				



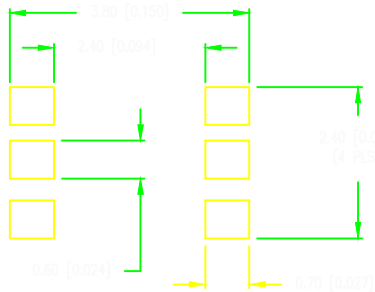
LIMITS OF SAFE OPERATION AT 25°C			
PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*	(R/G/B)	100	mA
STEADY CURRENT	(R/G/B)	50/30/30	mA
POWER DISSIPATION	(R/G/B)	120/110/110	mW
OPERATING TEMP.		-40 TO +100	°C
STORAGE TEMP.		-40 TO +100	°C

*T<10µS

CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 3 STANDARDS



RECOMMENDED SOLDER PAD LAYOUT



*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 -0.00, MAX= +0.00 -DECIMAL PRECISION

UNCONTROLLED DOCUMENT



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3.2mm x 3.2mm SMD RGB LED, WITH REFLECTOR, AlInGaP RED, InGaN GREEN, InGaN BLUE, T&R

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

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