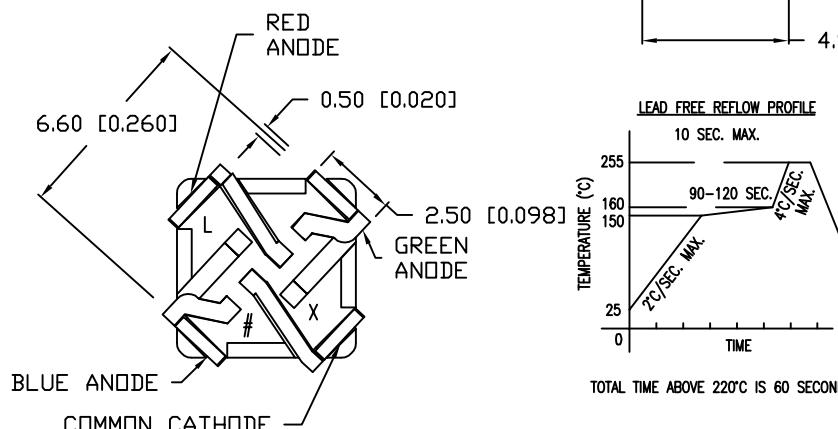
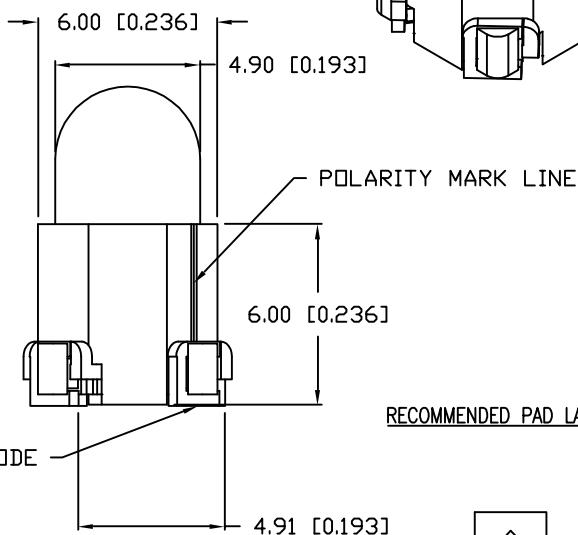
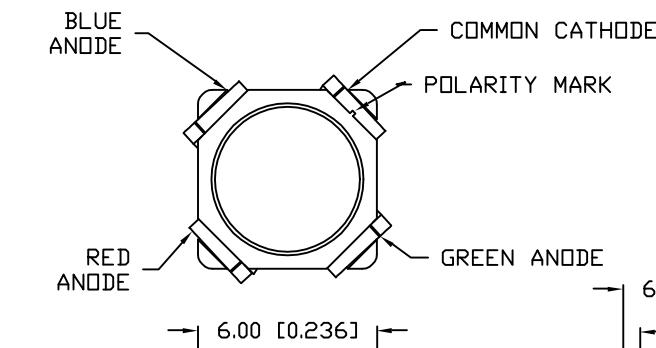


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REV.



TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.

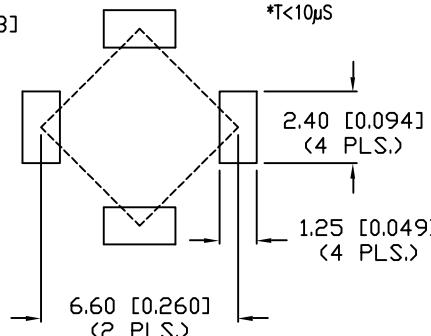
*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION MAX= +0.00 -0.00 -DECIMAL PRECISION

ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If=20mA				
PARAMETER	MIN	TYP	MAX	UNITS
PEAK WAVELENGTH		635 (RED)		nm
		465 (BLUE)		nm
		520 (GREEN)		nm
FORWARD VOLTAGE (R)	2.2	2.7		Vf
(B)	3.4	4.0		Vf
(G)	3.4	4.0		Vf
REVERSE VOLTAGE	5.0			Vr
AXIAL INTENSITY (R/B/G)	1100/600/2200			mcd
VIEWING ANGLE	70			2x theta
EMITTED COLOR:	RED/BLUE/GREEN			
EPOXY LENS FINISH:	WATER CLEAR			

LIMITS OF SAFE OPERATION AT 25°C PERCHIP

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*	R/B/G	100	mA
STEADY CURRENT	R/B/G	30/20/20	mA
POWER DISSIPATION	R/B/G	95/80/80	mW
DERATE FROM 25°C		-1.2	mW/°C
OPERATING TEMP.		-30 TO +80	°C
STORAGE TEMP.		-40 TO +100	°C

*T<10μS



CAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.
ESD CLASSIFICATION: CLASS II BASED ON MIL-STD 883E.



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5mm SURFACE MOUNT DOMED LED,
RED/GREEN/BLUE WATER CLEAR LENS.

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RELIABILITY NOTE
OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.



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