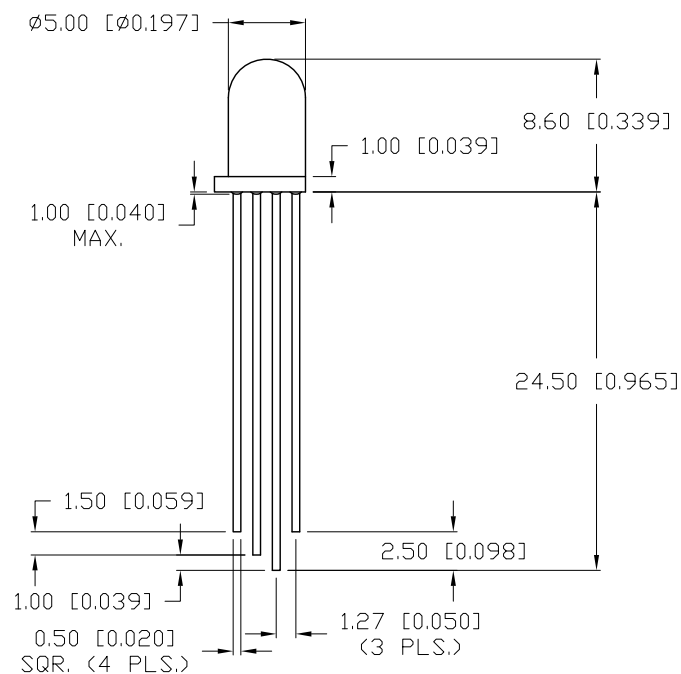
ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$

PARAMETER	RED	BLUE	GREEN	UNITS	TEST COND
PEAK WAVELENGTH	636	470	525	nm	
FORWARD VOLTAGE TYP	1.95	3.3	3.3	V_f	
FORWARD VOLTAGE MAX	2.5	4.0	4.0	V_f	
REVERSE VOLTAGE	5.0	5.0	5.0	V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY (R/B/G)	25/600/2000			mcd	$I_f=20\text{mA}$
VIEWING ANGLE	50	50	50	2x theta	
EMITTED COLOR	RED/BLUE/GREEN				
EPOXY LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT* (R/B/G)	185/150/150	mA
STEADY CURRENT (R/B/G)	30/30/25	mA
POWER DISSIPATION (R/B/G)	75/120/102.5	mW
DERATE FROM 25°C	-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY	3	SEC. MAX

* $t<10\mu\text{s}$

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