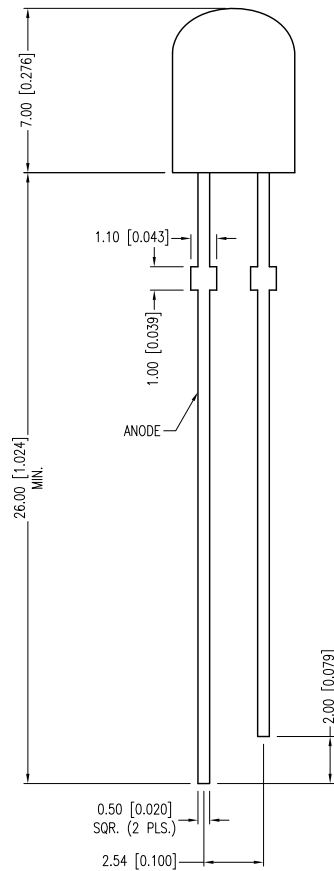
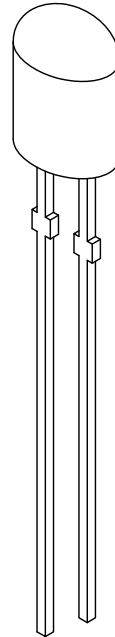
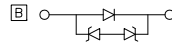
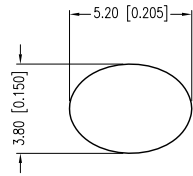




[A] ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		-		nm	
FORWARD VOLTAGE	2.8	3.2	3.6	Vf	If=20mA
REVERSE VOLTAGE	5.0			Vr	Ir=10μA
AXIAL INTENSITY	4500	5500	6500	mcd	If=20mA
CHROMATICITY (X)		0.28			If=2mA
COORDINATES (Y)		0.32			
VIEWING ANGLE		70		2x theta	
COLOR TEMP.	7500	8000	8500	degK	
EMITTED COLOR:	COOL WHITE				
LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	SYMBOL	MAX	UNITS
PULSE FORWARD CURRENT	Ip	100	mA
STEADY CURRENT	If	30	mA
POWER DISSIPATION	Pd	110	mW
OPERATING TEMP.	ToPR	-20 TO +75	°C
STORAGE TEMP.	Sstg	-30 TO +80	°C
SOLDERING TEMP.		+260	°C
2.0mm FROM BODY		3	SEC.

*DUTY 1/10 PULSE WIDTH 10ms

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}_{-0.00} MAX= ^{+0.00}_{-DECIMAL PRECISION}

UNCONTROLLED DOCUMENT

