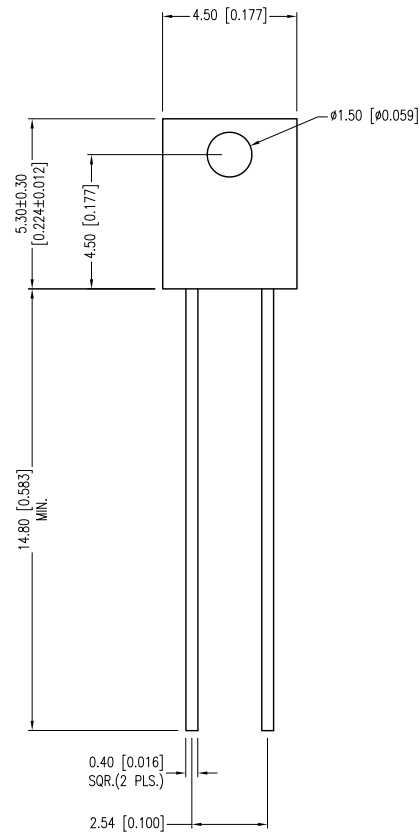
ELECTRO-OPTICAL CHARACTERISTICS $T_A = 25^\circ\text{C}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
SPECTRAL SENSITIVITY		860	900	nm	
C/E BREAKDOWN VOLTAGE	30			V	$I_C = 100\mu\text{A}$ $E_e = 0.0\text{ mW/cm}^2$
E/C BREAKDOWN VOLTAGE	5.0			V	$I_C = 100\mu\text{A}$ $E_e = 0.0\text{ mW/cm}^2$
C/E SATURATION VOLTAGE			0.4	V	$I_C = 2\text{ mA}$ $E_e = 1\text{ mW/cm}^2$
COLLECTOR DARK CURRENT			100	nA	$V_{ce} = 20\text{ V}$ $E_e = 0.0\text{ mW/cm}^2$
COLLECTOR ON CURRENT		0.8	3.1	mA	$V_{ce} = 5\text{ V}$ $E_e = 0.6\text{ mW/cm}^2$
SWITCHING TIME		15		μS	$I_C = 1\text{ mA}$ $V_{ce} = 5\text{ V}, R_L = 1000\Omega$
EPOXY FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
C/E BREAKDOWN VOLTAGE	30	V
E/C BREAKDOWN VOLTAGE	5	V
POWER DISSIPATION	75	mW
OPERATING TEMP.	-25 TO +85	$^\circ\text{C}$
STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY		3 SEC. 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= $\begin{matrix} +0.00 \\ -0.00 \end{matrix}$ DECIMAL PRECISION MAX.= $\begin{matrix} +0.00 \\ -0.00 \end{matrix}$ DECIMAL PRECISION

UNCONTROLLED DOCUMENT