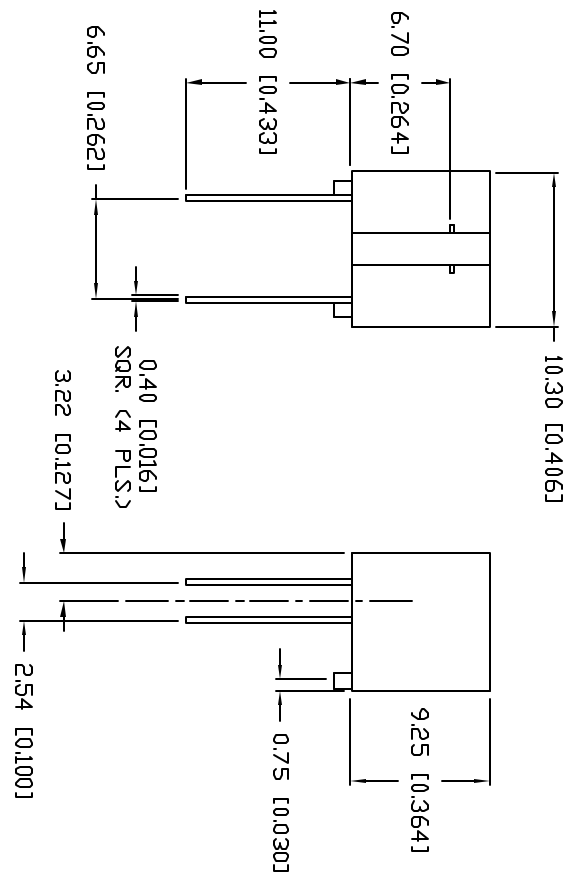
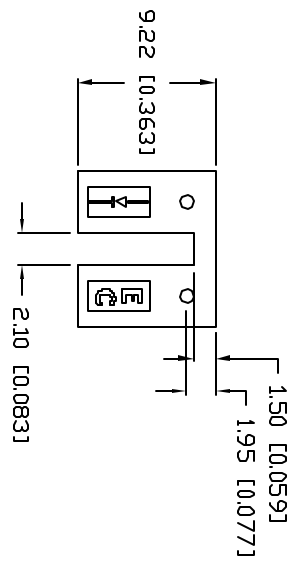


PART NUMBER			REV.
OED-SIV2167			A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE	
A	E.C.N. #10BRDR. & REDRAWN IN 3D.	5.15.03	

ELECTRO-OPTICAL CHARACTERISTICS $I_A=25\text{C}$ $I_F=20\text{mA}$				
PARAMETER	MIN	TYP	MAX	TEST COND
PEAK WAVELENGTH	940			nm
FORWARD VOLTAGE		1.2	1.6	$I_F=20\text{mA}$
REVERSE VOLTAGE		5.0		$I_C=10\text{uA}$
DARK CURRENT			100	$V_{CE}=10\text{V}$
C/E SATURATION VOLTAGE			0.4	$I_C=0.5\text{mA}$
COLLECTOR ON CURRENT	0.5			$V_{CE}=5\text{V}$
SWITCHING TIME	20			$I_C=100\text{uA}$

LIMITS OF SAFE OPERATION AT 25C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT	50	mA
REVERSE VOLTAGE	5	V
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.	+280	$^{\circ}\text{C}$
2.0mm FROM BODY	5 SEC. MAX	

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=+1 (-0.039), XX=+1.0 (-0.020), XXX=+1.25 (-0.010), XXXX=+1.127 (-0.006), LEAD SIZE=+0.08 (-0.002), LEAD LENGTH=+0.75 (-0.030), MIN= -0.00

PART NUMBER
OED-SIV2167

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