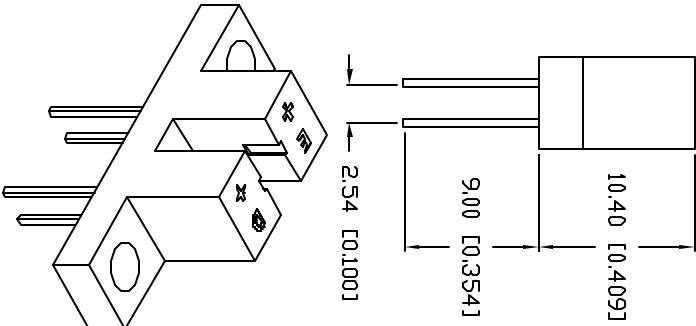
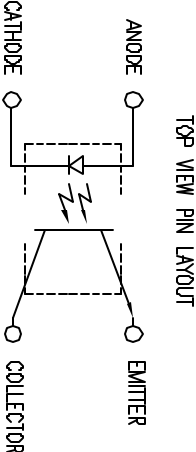
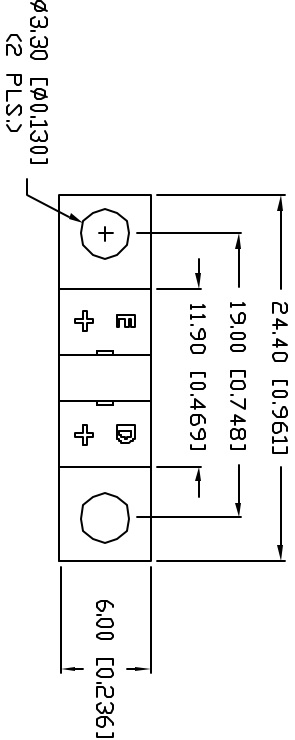




PART NUMBER			REV.
OED-S13181-2T			A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE	
A	E.C.N. #10BRDR. & REDRAWN IN 3D.	5.15.03	

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	$I_F=20\text{mA}$ $I_C=10\text{uA}$
REVERSE VOLTAGE		5.0		V $V_{CE}=10\text{V}$
DARK CURRENT			100	nA $I_C=0.5\text{mA}$
C/E SATURATION VOLTAGE			0.4	V $V_{CE}=5\text{V}$
COLLECTOR ON CURRENT	0.9	4		mA $I_C=100\text{uA}$ $V_{CE}=5\text{V}, R_I=100\text{ohm}$
SWITCHING TIME		20		μs

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.	+260	$^{\circ}\text{C}$
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=+0.06 (-0.002), LEAD LENGTH=+0.75 (-0.030), MM=+0.00 (-0.00)

PART NUMBER

OED-S13181-2T

PHOTO INTERRUPTER, 2 TABS.



290 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
US WEB: www.lumex.com
TW WEB: www.lumex.com.tw

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BC			12.30.97
			PAGE: 1 OF 1
			SCALE: N/A