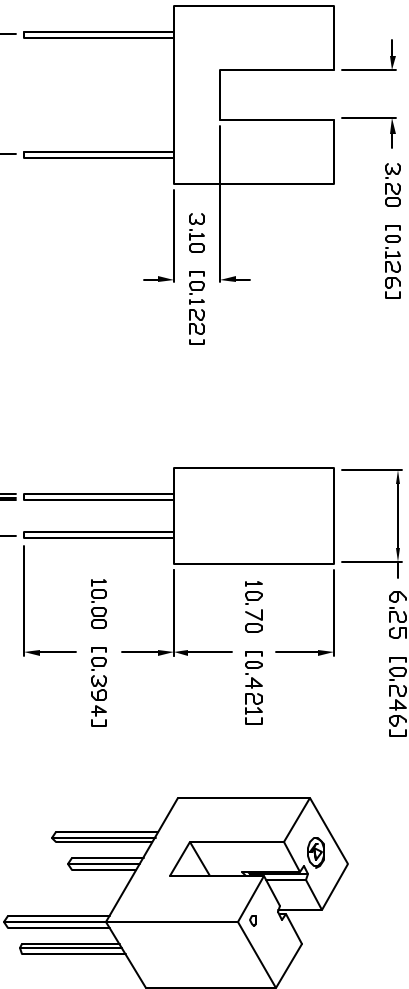
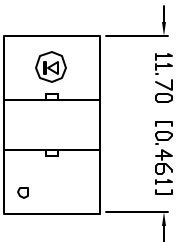


PART NUMBER			REV.
OED-S13280			A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE	
A	E.C.N. #10BRDR. & REDRAWN IN 3D.	5.16.03	

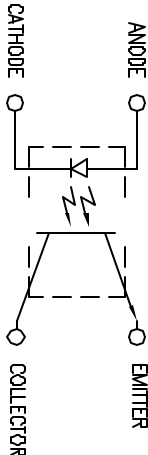


0.50 [0.020]
SQR. (4 PLS.)

7.95 [0.313]

2.54 [0.100]

TOP VIEW PIN LAYOUT



ELECTRO-OPTICAL CHARACTERISTICS $I_A=25\text{mA}$ $I_F=20\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		940		nm	
FORWARD VOLTAGE		1.2	1.5	V	$I_F=30\text{mA}$
REVERSE VOLTAGE		4.0		V	$I_C=10\text{ }\mu\text{A}$
DARK CURRENT			100	nA	$V_{CE}=10\text{V}$
C/E SATURATION VOLTAGE			0.4	V	$I_C=0.5\text{mA}$
COLLECTOR ON CURRENT	2.0			mA	$V_{CE}=5\text{V}$
SWITCHING TIME		5		μs	$I_C=100\text{ }\mu\text{A}$ $V_{CE}=5\text{V}, R_L=100\Omega$

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT	60	mA
REVERSE VOLTAGE	6	V
C/E BREAKDOWN VOLTAGE	30	V
E/C BREAKDOWN VOLTAGE	3	V
POWER DISSIPATION	75	mW
OPERATING TEMP.	-20 TO +80	°C
STORAGE TEMP.	-25 TO +100	°C
SOLDERING TEMP.	+250	°C
2.0mm FROM BODY	5 SEC. MAX	

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (+0.029), X.X=±0.5 (+0.020), X.XX=±0.25 (+0.010), X.XXX=±0.127 (+0.005), LEAD SIZE=±0.08 (+0.002), LEAD LENGTH=±0.75 (+0.030), MIN= -0.00

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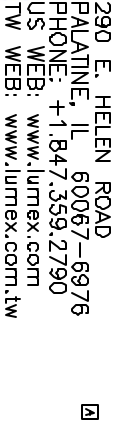
RELIABILITY NOTE

OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.

REV.	PART NUMBER	DRAWN BY: CHECKED BY: APPROVED BY: DATE: 12.30.97		
A	OED-S13280	BC		PAGE: 1 OF 1 SCALE: N/A
PHOTO INTERRUPTER.		SCALE: N/A		



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