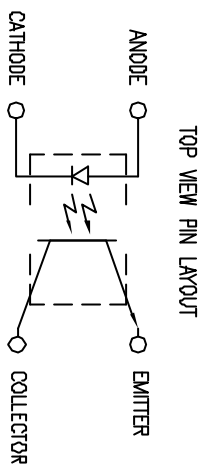
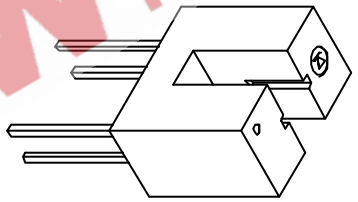
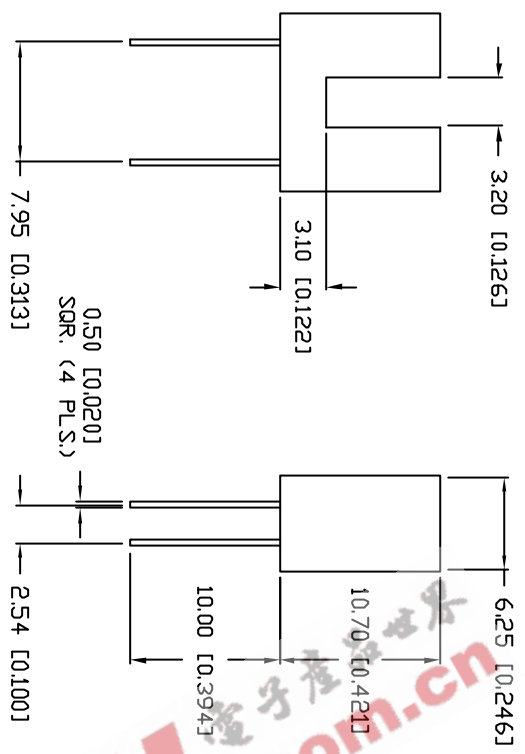
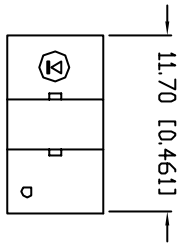


REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10BRDR. & REDRAWN IN 3D.	5.16.03



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	$I_c=10\mu\text{A}$
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	$I_c=100\mu\text{A}$ $V_{ce}=5\text{V}, R_L=100\Omega$

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 (± 0.039), XX=#10 (± 0.020), XXX=#10.5 (± 0.010), XXXX=#0.127 (± 0.005), LEAD SIZE=#0.05 (± 0.002), LEAD LENGTH=#0.75 (± 0.030), MIN= ± 0.05 DECIMAL PRECISION MAX= ± 0.05 DECIMAL PRECISION

REV.	PART NUMBER
A	OED-S13280

PHOTO INTERRUPTER.

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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.



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DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
BC			12.30.97
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			SCALE: N/A