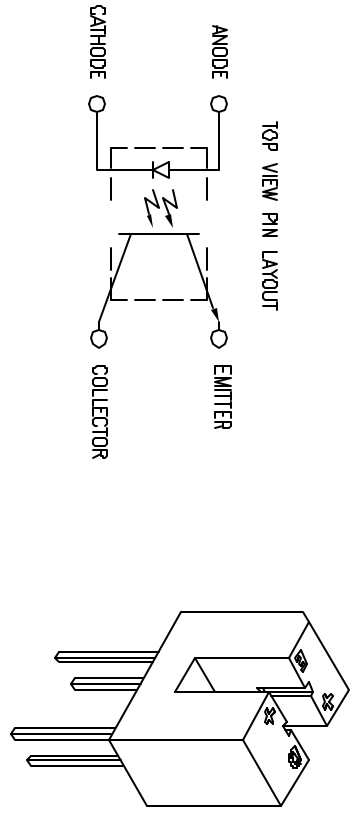
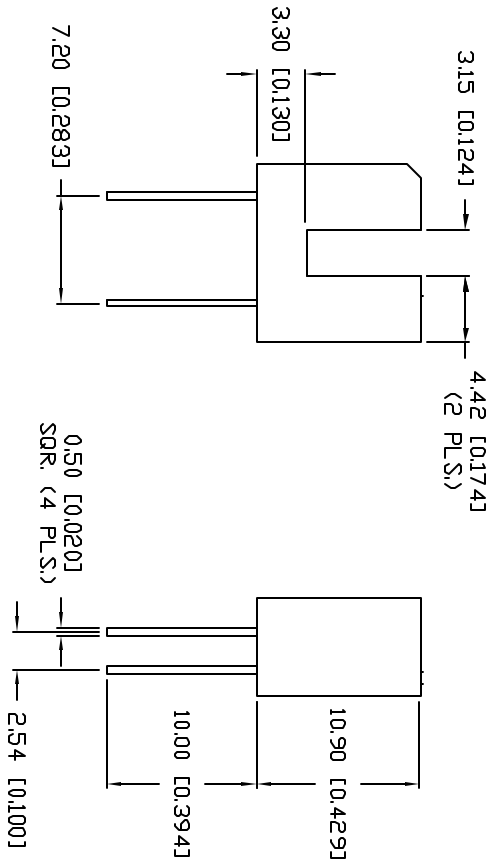
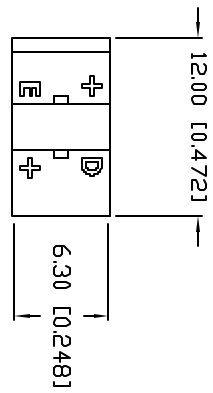




PART NUMBER			REV.
OED-S13272			A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE	
A	E.C.N. #10BRDR. & REDRAWN IN 3D.	5.16.02	

ELECTRO-OPTICAL CHARACTERISTICS I _A =25°C I _F =20 mA				
PARAMETER	MIN	TYP	MAX	TEST COND
PEAK WAVELENGTH	940			
FORWARD VOLTAGE		1.2	1.5	I _F =30 mA
REVERSE VOLTAGE		5.0		I _C =10 μA
DARK CURRENT			100	V _{CE} =10V
C/E SATURATION VOLTAGE			0.4	I _C =0.5 mA
COLLECTOR ON CURRENT	2.0			V _{CE} =5 V
SWITCHING TIME		5		I _C =100 μA

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), 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=-0.00

PART NUMBER
OED-S13272

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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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APPROVED BY:
DATE: 12.30.97
PAGE: 1 OF 1
SCALE: N/A