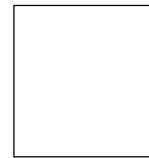
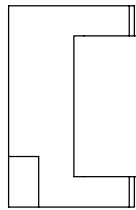
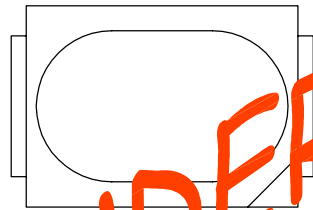
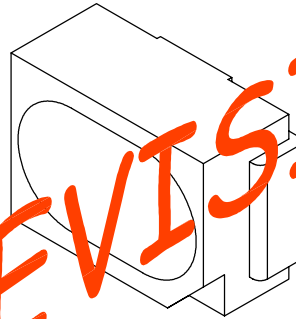
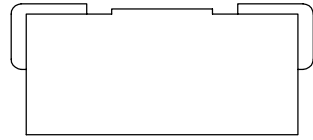


PART NUMBER	OED-ST-23-TR	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
05.30.03	E.C.N. #10BRDR. & REDRAWN IN 3D.		A
03.08.11	E.C.N. #10BRDR. & REDRAWN/		B



UNDER ECN REVISION

UNDER ECN REVISION

ELECTRO-OPTICAL CHARACTERISTICS TA =25°C

PARAMETER	MIN	TYP.	MAX	UNITS	TEST COND
SPECTRAL SENSITIVITY		940		nm	
C/E BREAKDOWN VOLTAGE	30			V	Ic=100uA Ee=0.0mW/cm <sup>2</sup>
E/C BREAKDOWN VOLTAGE	5			V	Ic=100uA Ee=0.0mW/cm <sup>2</sup>
C/E SATURATION VOLTAGE			0.8	V	Ic=2mA Ee=20mW/cm <sup>2</sup>
COLLECTOR DARK CURRENT			100	nA	Vce=10V Ee=0.0mW/cm <sup>2</sup>
COLLECTOR ON CURRENT	0.7	2.0		mA	Vce=5V Ee=1.0mW/cm <sup>2</sup>
SWITCHING TIME		3		μS	Ic=1mA Vce=5V,RI=1000Ω
EPOXY FINISH:	WATER CLEAR				


LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MIN	UNITS
C/E BREAKDOWN VOLTAGE	30	mA
E/C BREAKDOWN VOLTAGE	5	mA
POWER DISSIPATION	100	mW
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C

CAUTION: MOISTURE SENSITIVE DEVICE  
PER JEDEC LEVEL 4 STANDARDS

[A]

\*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.= <sup>+0.00</sup>DECIMAL PRECISION MAX.= <sup>-0.00</sup>DECIMAL PRECISION UNCONTROLLED DOCUMENT

 <p>290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 FAX: +1.847.359.6538 WEB: WWW.LUMEX.COM</p>	2mm x 3mm SURFACE MOUNT PHOTO TRANSISTOR, WATER CLEAR LENS.		DATE: 12.22.97	DRAWN BY: BC
	**THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.**		PAGE: 1 OF 2	CHKD BY: --
	CONFIDENTIAL INFORMATION THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.		SCALE: NTS	APRVD BY: --
			UNIT: mm [INCH]	(Pb)