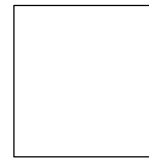
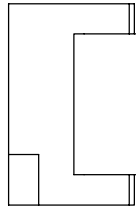
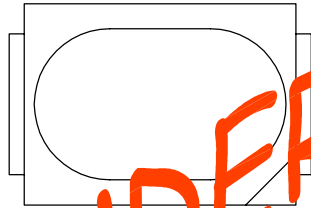
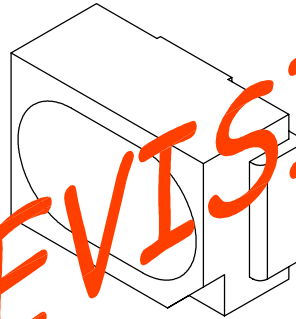
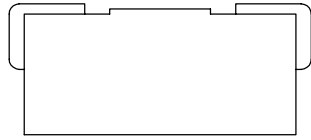


PART NUMBER	OED-ST-23-TR	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
05.30.03	E.C.N. #10BRDR. & REDRAWN IN 3D.		A
03.08.11	E.C.N. #10BRDR. & REDRAWN/		B



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

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2mm x 3mm SURFACE MOUNT PHOTO TRANSISTOR, WATER CLEAR LENS.

\*\*THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.\*\*

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DATE:	12.22.97	DRAWN BY:	BC
PAGE:	1 OF 2	CHKD BY:	--
SCALE:	NTS	APRVD BY:	--
UNIT:	mm [INCH]		Ⓟ