

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

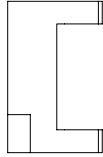
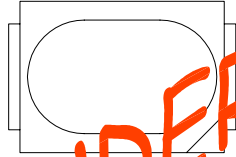
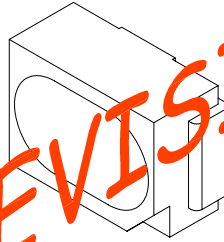
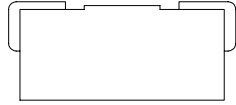
[Lumex, Inc.](#)
[OED-ST-23-TR](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

UNCONTROLLED DOCUMENT

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



ELECTRO-OPTICAL CHARACTERISTICS TA = 25°C

PARAMETER	MIN	TYP.	MAX	UNITS	TEST COND
SPECTRAL SENSITIVITY		940		nm	
C/E BREAKDOWN VOLTAGE	30			V	Ic=100μA Ee=0.0mW/cm²
E/C BREAKDOWN VOLTAGE	5			V	Ic=100μA Ee=0.0mW/cm²
C/E SATURATION VOLTAGE			0.8	V	Ic=2mA Ee=20mW/cm²
COLLECTOR DARK CURRENT			100	nA	Vce=10V Vce=5V
COLLECTOR ON CURRENT	0.7	2.0		mA	Ee=1.0mW/cm² Ic=1mA
SWITCHING TIME		3		μs	Vce=5V, Ri=1000Ω
EPOXY FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MIN	UNITS
C/E BREAKDOWN VOLTAGE	30	V
E/C BREAKDOWN VOLTAGE	5	V
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), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN.= -0.00, MAX.= +0.00, DECIMAL PRECISION

UNCONTROLLED DOCUMENT

290 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
FAX: +1.847.359.6538
WEB: WWW.LUMEX.COM

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.

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.

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