



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

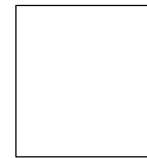
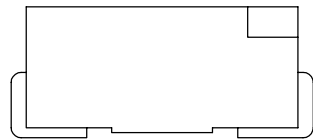
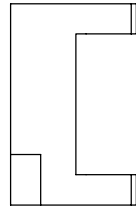
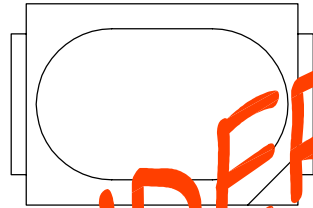
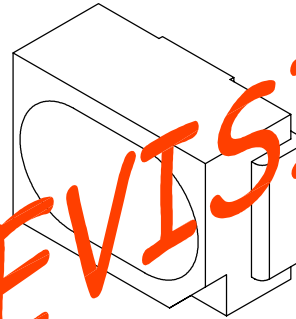
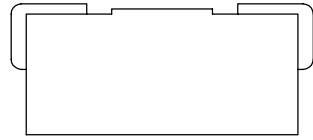
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



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 ²
E/C BREAKDOWN VOLTAGE	5			V	Ic=100uA Ee=0.0mW/cm ²
C/E SATURATION VOLTAGE			0.8	V	Ic=2mA Ee=20mW/cm ²
COLLECTOR DARK CURRENT			100	nA	Vce=10V Ee=0.0mW/cm ²
COLLECTOR ON CURRENT	0.7	2.0		mA	Vce=5V Ee=1.0mW/cm ²
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= ^{+0.00}DECIMAL PRECISION MAX.= ^{-0.00}DECIMAL PRECISION

LUMEX
Creating LED and LCD Solutions Together™

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.

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