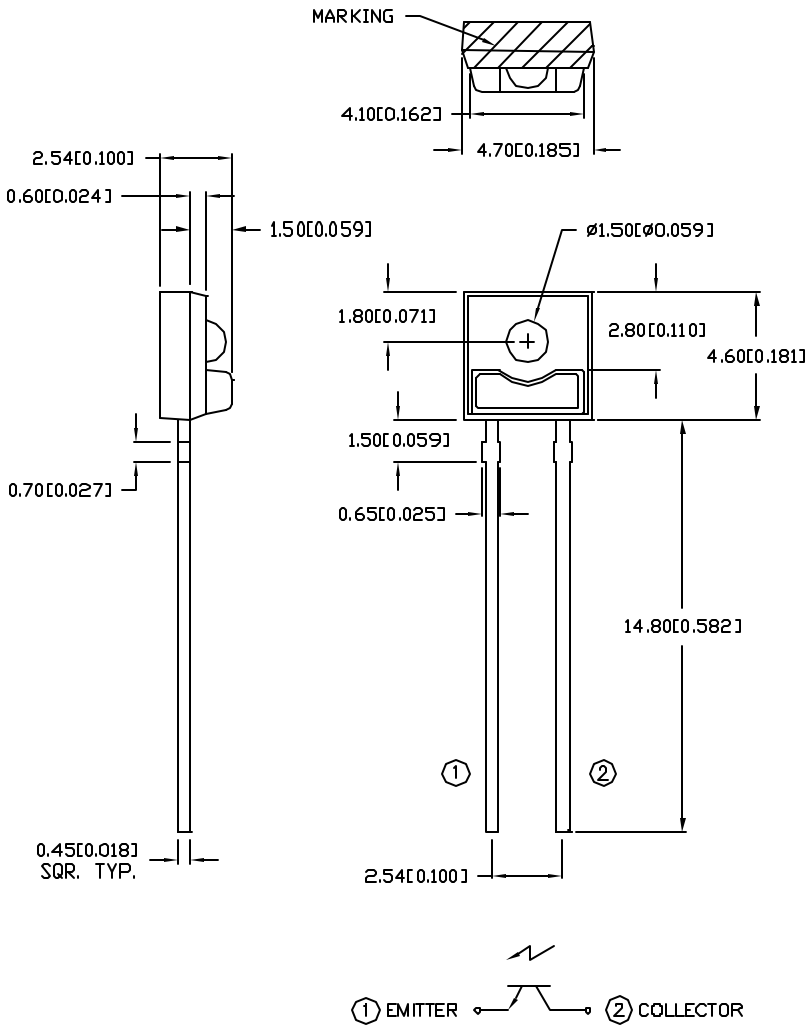
DATE	REVISIONS	REV
10-24-95	CORRECTED EMITTER/COLLECTOR PIN NUMBERING./	A
12-22-97	E.C.N. #10BRDR./	B

DRAWING NUMBER: OED-ST-23G | REV: B



UNLESS OTHERWISE SPECIFIED TOLERANCE IS ±.25mm (±0.010")

ELECTRO-OPTICAL CHARACTERISTICS T_A =25°C

PARAMETER	SYMBOL	TEST CONDITION	MIN	TYP	MAX	UNIT
COLLECTOR DARK CURRENT	Icco	Vceo=10V Ee=0.5mw/cm²		1	100	nA
COLLECTOR LIGHT CURRENT	Ic	Vce= 5V Ee=0.5mw/cm²	0.5	4.0		mA
COLLECTOR-EMITTER SATURATION VOLTAGE	Vce (sat)	Ic= 0.2mA Ee=0.5mw/cm²		0.2	0.4	V
SWITCHING SPEEDS:		Vcc=5V				
RISING TIME	Tr	Ic=1mA		3.2		µS
FALLING TIME	Tf	Rl=100Ω		4.8		µS
PEAK WAVELNGTH	λp			880		nm
ANGULAR REPSONSE	Δθ			±30		DEG
LENS COLOR:	CLEAR					

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
COLLECTOR-EMITTER VOLTAGE (Vceo)	30	V
EMITTER-COLLECTOR VOLTAGE (Veco)	6	V
POWER DISSIPATION	100	mW
OPERATING TEMP.	-20 TO +100	°C
STORAGE TEMP.	-30 TO +100	°C
SOLDERING TEMP. 2.0mm FROM BODY	+260	°C 3 SEC. MAX

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.

LUMEX INCORPORATED
290 E. HELLEN ROAD
PALATINE, ILLINOIS 60067
(847) 359-2790

DATE: 12-22-97	DWN:	CHK'D:	APPD:
SCALE: N/A			

HIGH OUTPUT PHOTOTRANSISTOR,
WATER CLEAR LENS, SIDE-EMITTING.

DRAWING NUMBER: OED-ST-23G | REV: B