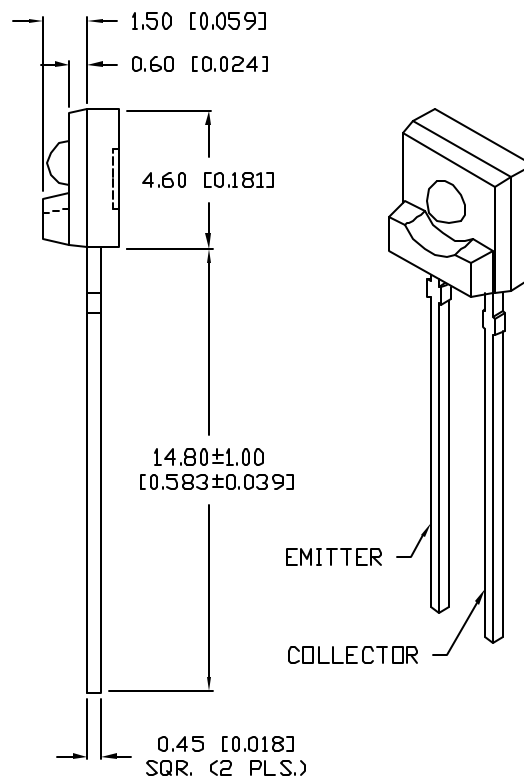
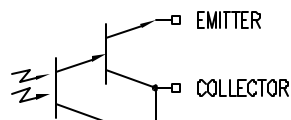
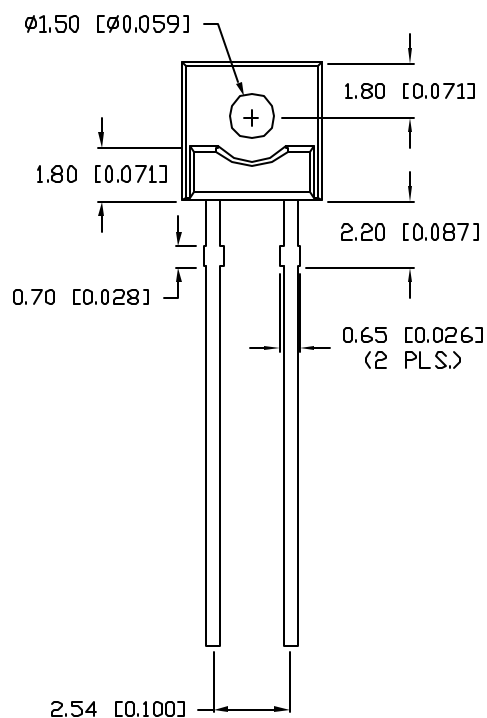
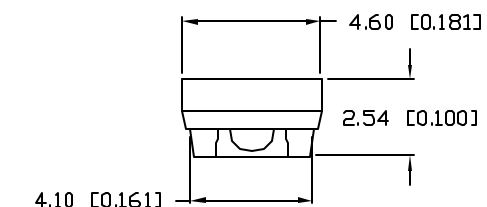


UNCONTROLLED DOCUMENT



PART NUMBER		REV.
OED-PT-23G		B
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10BRDR.	1.5.98
B	E.C.N. #10BRDR. & REDRAWN IN 3D.	5.30.03

ELECTRO-OPTICAL CHARACTERISTICS $T_A = 25^\circ\text{C}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
SPECTRAL SENSITIVITY	480	800	1000	nm	
C/E SATURATION VOLTAGE			1.4	V	$I_c = 1\text{ mA}$ $E_e = 0.2\text{ mW/cm}^2$
COLLECTOR DARK CURRENT			1000	nA	$V_{ce} = 10\text{ V}$ $E_e = 0.0\text{ mW/cm}^2$
COLLECTOR ON CURRENT	5.0			mA	$V_{ce} = 5\text{ V}$ $E_e = 0.03\text{ mW/cm}^2$
RISE/FALL TIME		65/75		μS	$I_c = 5\text{ mA}$ $V_{ce} = 5\text{ V}, R_l = 100\ \Omega$
EPOXY FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
C/E BREAKDOWN VOLTAGE	30	V
E/C BREAKDOWN VOLTAGE	4	V
COLLECTOR CURRENT	50	mA
POWER DISSIPATION	150	mW
OPERATING TEMP.	-20 TO +100	$^\circ\text{C}$
STORAGE TEMP.	-20 TO +100	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
3.0mm FROM BODY	5 SEC. MAX	

*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 PRECISION -0.00, MAX.=+0.00 PRECISION -0.00

REV.
BPART NUMBER
OED-PT-23GHIGH OUTPUT, SIDE EMITTING,
PHOTOTRANSISTOR, DARLINGTON CONFIGURATION.

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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.



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DATE: 2.14.95

PAGE: 1 OF 1

SCALE: N/A

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