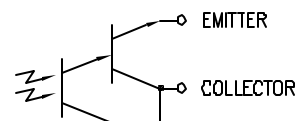
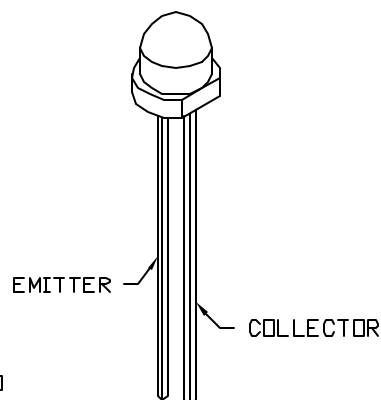
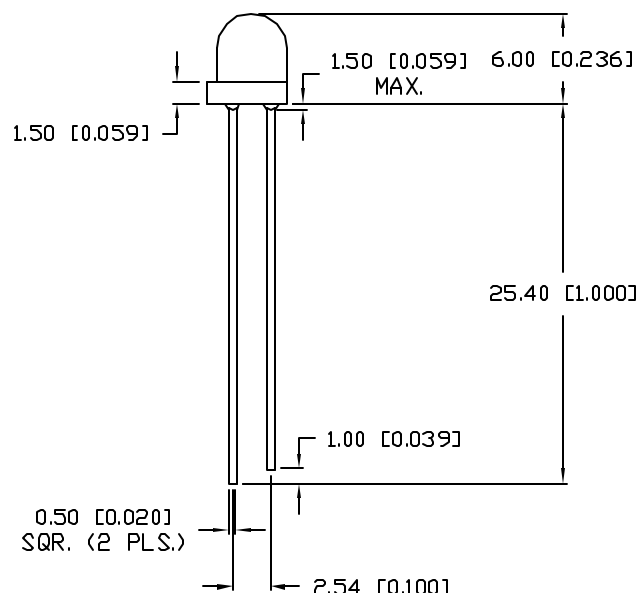


UNCONTROLLED DOCUMENT

PART NUMBER
OED-PT5063L40REV.
A

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10BRDR. & REDRAWN IN 3D.	5.30.03

$\phi 5.90$ [0.232]
 $\phi 4.70$ [0.185]

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
SPECTRAL SENSITIVITY	840	980	1200	nm	
C/E BREAKDOWN VOLTAGE	15			V	$I_c = 100 \mu\text{A}$
E/C BREAKDOWN VOLTAGE	5			V	$I_e = 10 \mu\text{A}$
C/E SATURATION VOLTAGE			1.0	V	$I_c = 15 \text{mA}$ $E_e = 1.0 \text{mW/cm}^2$ $V_{ce} = 10 \text{V}$
COLLECTOR DARK CURRENT			1000	nA	$E_e = 0.0 \text{mW/cm}^2$ $V_{ce} = 5 \text{V}$
COLLECTOR ON CURRENT	3.3	4.0		mA	$E_e = 1.0 \text{mW/cm}^2$ $I_c = 10 \text{mA}$ $V_{ce} = 5 \text{V}, R_i = 100 \Omega$
RISE/FALL TIME		40/60		μS	
EPOXY FINISH:	BLACK				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
C/E BREAKDOWN VOLTAGE	30	V
E/C BREAKDOWN VOLTAGE	5	V
COLLECTOR CURRENT	20	mA
POWER DISSIPATION	75	mW
OPERATING TEMP.	-25 TO +85	$^\circ\text{C}$
STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
4.0mm FROM BODY	5 SEC. MAX	

UNCONTROLLED DOCUMENT

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

REV.
APART NUMBER
OED-PT5063L40

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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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T-5mm LOW PROFILE PHOTOTRANSISTOR,
DARLINGTON CONFIGURATION, WITH DAYLIGHT FILTER.

DRAWN BY: BC	CHECKED BY:	APPROVED BY:	DATE: 12.18.97 PAGE: 1 OF 1 SCALE: N/A
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