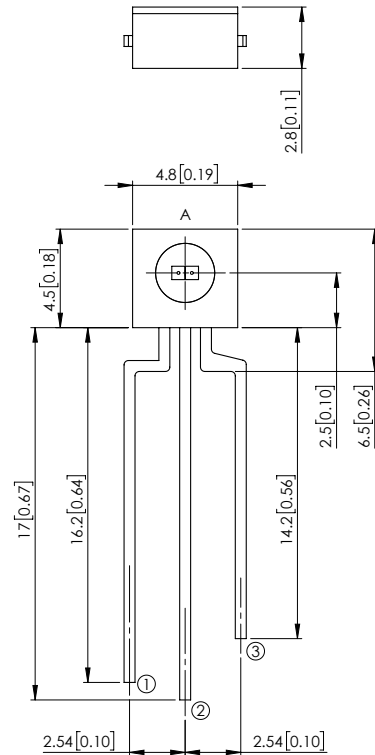
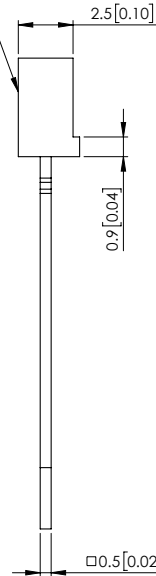


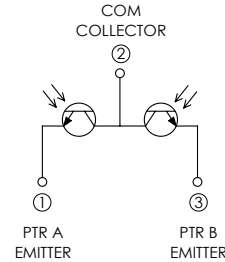
PART NUMBER		OED-ST-392T	REV	F
REV	E.C.N. NUMBER AND REVISION COMMENTS			DATE
A	E.C.N. #10BRDR. & REDRAWN.			09.25.00
B	E.C.N. #10BRDR. & REDRAWN IN 3D.			05.30.03
C	E.C.N. #11135.			06.16.04
D	E.C.N. #11362.			11.10.06
E	E.C.N. #11553.			12.29.08
F	ECN-Lumex201700048			08.11.17



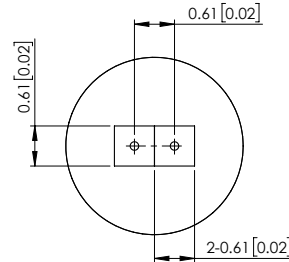
RADIANT SENSITIVE AREA



POLARITY



CHIP SIZE



DETAIL A

ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER		SYMBOL	MIN	TYP	MAX	UNITS	TEST COND
C-E BREAKDOWN VOLTAGE		BV_{CEO}	30	-	-	V	$I_C=100\mu A$ $E_e=0mW/cm^2$
E-C BREAKDOWN VOLTAGE		BV_{ECO}	5	-	-	V	$I_E=100\mu A$ $E_e=0mW/cm^2$
C-E SATURATION VOLTAGE		$V_{CE(sat)}$	-	-	0.4	V	$I_C=2mA$ $E_e=1mW/cm^2$
WAVELENGTH OF PEAK SENSITIVITY		λ_p	-	940	-	nm	-
COLLECTOR DARK CURRENT		I_{CEO}	-	-	100	nA	$V_{CE}=20V$ $E_e=0.0mW/cm^2$
COLLECTOR LIGHT CURRENT		I_C	0.2	-	0.6	mA	$V_{CE}=5V$ $E_e=0.555mW/cm^2$
SWITCHING SPEEDS	RISE TIME	t_r	-	15	-	μS	$V_{CC}=5V$ $I_C=1mA$ $R_L=1000\Omega$
	FALL TIME	t_f	-	15	-	μS	
EPOXY LENS FINISH		BLACK					

ABSOLUTE MAXIMUM RATINGS TA=25°C

PARAMETER	MAX	UNITS
C-E VOLTAGE	30	V
E-C VOLTAGE	5	V
COLLECTOR CURRENT	20	mA
POWER DISSIPATION	75	mW
OPERATING TEMPERATURE	-40 TO +85	°C
STORAGE TEMPERATURE	-40 TO +85	°C
SOLDERING TEMPERATURE*	5 SEC. MAX @ 260	°C

* 2.0mm FROM BODY.

NOTE:
1.RoHS COMPLIANT.

*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 0.00, MAX.= *DECIMAL PRECISION 0.00

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4.8(L)*2.8(W)*21.5(H)mm PHOTO TRANSISTOR, BLACK LENS.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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DATE : 2017.08.11	DRAWN BY : C.C.
PAGE : 1 OF 1	CHKD BY : G.Y.
SCALE : NTF	APRVD BY : E.C.
UNIT : mm [INCH]	