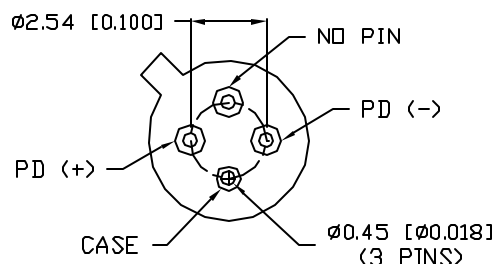
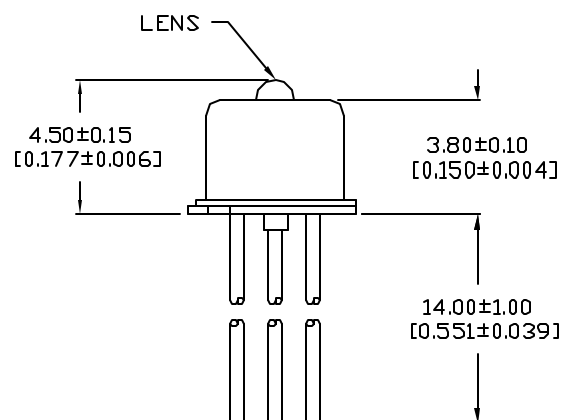
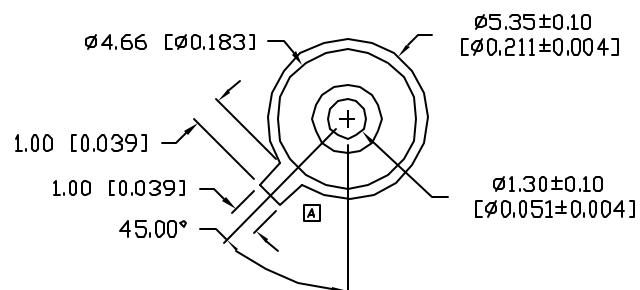


UNCONTROLLED DOCUMENT



*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=+0.000 PRECISION -0.000 MAX.=+0.000 PRECISION -0.000

PART NUMBER		REV.
OED-PPD11075G-B		B
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10521. CHG'D PIN LOCATION.	6.7.99
B	E.C.N. #10BRDR. & REDRAWN.	6.19.01

ELECTRO-OPTICAL CHARACTERISTICS (Tc=25°C, Vr=5V).

PARAMETER	SYMBOL	MIN	TYP	MAX	UNITS
ACTIVE AREA	-		75		μm
DETECTION RANGE	-	1100	1310	1600	nm
RESPONSIVITY*	R	0.8	0.9		A/W
DARK CURRENT	Id		0.3	2	nA
CAPACITANCE	C		0.8	2.0	pF
CUTOFF FREQUENCY	fc	1.5	2.0		GHz
RISE/FALL TIME	tr/ta		0.3	0.5	ns

*λ=1300nm

ABSOLUTE MAXIMUM RATINGS (Tc=25°C)

PARAMETER	SYMBOL	MAX	UNITS
REVERSE VOLTAGE	Vr	25	V
REVERSE CURRENT	Ir	1	mA
FORWARD CURRENT	If	2	mA
OPERATING TEMP.	Top	-40 TO +85	°C
STORAGE TEMP.	Tstg	-40 TO +85	°C

UNCONTROLLED DOCUMENT

REV.

B

PART NUMBER

OED-PPD11075G-B

PIN PHOTO DETECTOR.

CONFIDENTIAL INFORMATION

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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: 2.12.99

PAGE: 1 OF 1

SCALE: N/A