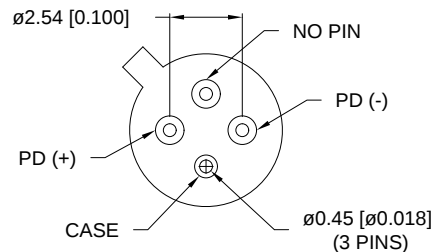
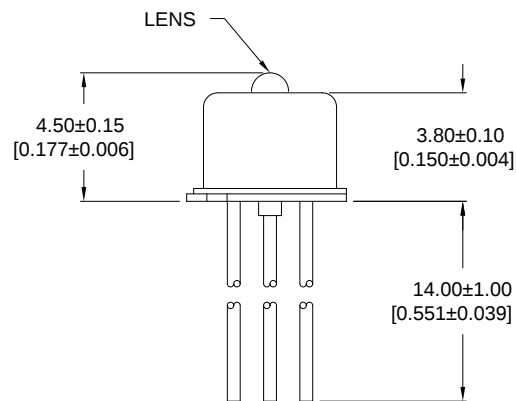
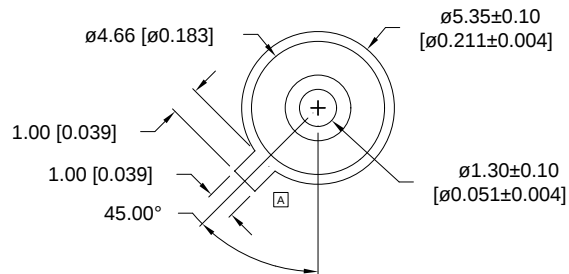


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PART NUMBER
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A

REV. E.C.N. NUMBER AND REVISION COMMENTS

DATE

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/tf		0.3	0.5	ns

*λfSymbol|b0|i0|c2|p18;λFromans.shx;=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

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*UNLESS OTHERWISE SPECIFIED TOLERANCE IS ±0.25mm (±0.010")

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PIN PHOTO DETECTOR.

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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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DU/BC

PAGE: 1 OF 1

SCALE: N/A