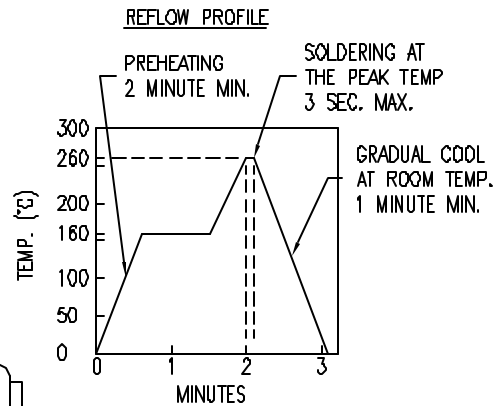
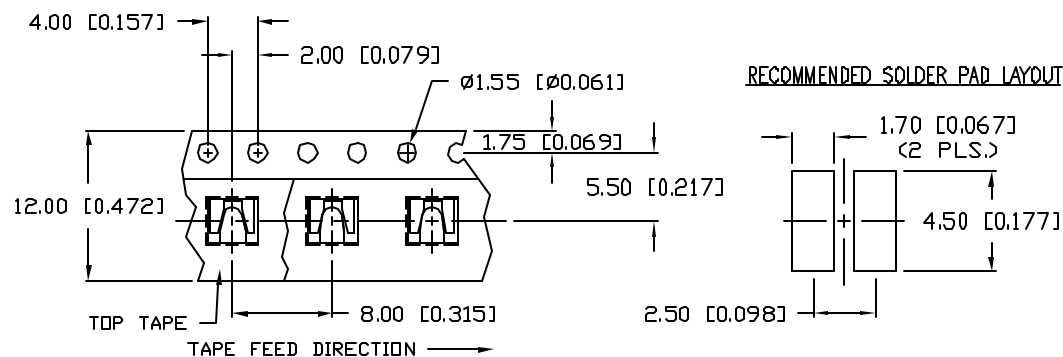


PART NUMBER	REV.
OED-LXR44HP-TR	



PARAMETER	SYMBOL	TEST CONDITION	MIN	TYP	MAX	UNIT
COLLECTOR DARK CURRENT	I_{ce0}	$V_{ce}=20\text{V}$ $E_e=0\text{mW/cm}^2$			100	nA
COLLECTOR LIGHT CURRENT	I_c	$V_{ce}=5\text{V}$ $E_e=1.0\text{mW/cm}^2$		0.48		mA
COLLECTOR-EMITTER SATURATION VOLTAGE	V_{ce} (sat)	$I_c=0.5\text{mA}$ $E_e=1\text{mW/cm}^2$		0.40		V
SWITCHING SPEEDS:		$V_r=10\text{V}$				
RISING TIME	T_r	$I_c=1\text{mA}$		15.0		μS
FALLING TIME	T_f	$R_l=1000\Omega$		15.0		μS
SPECTRAL SENSITIVITY	λ			700~1100		nm
PEAK WAVELENGTH	λ_p			940		nm
ANGULAR RESPONSE	$\Delta\theta$			± 45		DEG
LENS COLOR:		BLACK				

PARAMETER	MAX	UNITS
COLLECTOR-EMITTER VOLTAGE	30	V
EMITTER-COLLECTOR VOLTAGE	5	V
POWER DISSIPATION	75	mW
OPERATING TEMP.	- 40 TO +100	°C
STORAGE TEMP.	- 40 TO +100	°C
SOLDERING TEMP.	+ 260	°C
2.0mm FROM BODY		5 SEC. MAX



*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.=+0.00
-DECIMAL PRECISION

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OED-LXR44HP-TR

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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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RIGHT ANGLE BOOMERANG SURFACE MOUNT
PHOTO DIODE, BLACK LENS.

DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE: 6.19.06
JD			PAGE: 1 OF 1
			SCALE: N/A