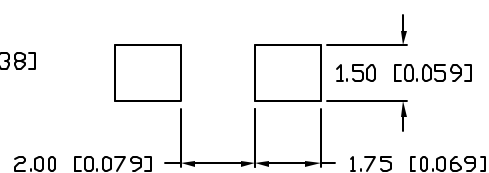
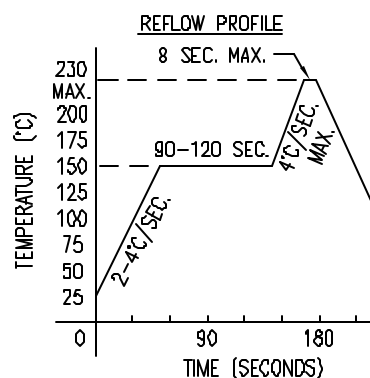
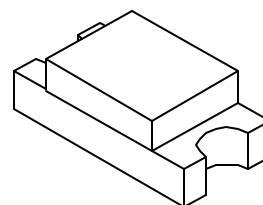


REV.



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$			$I_f=20\text{mA}$	
PARAMETER	MIN	TYP	MAX	UNITS TEST COND
COLLECTOR DARK CURRENT			100	nA $V_{ce} = 20\text{V}$ $E_e = 0 \text{ mw/cm}^2$
COLLECTOR LIGHT CURRENT	0.1		7.07	mA $V_{ce} = 5\text{V}$ $E_e = 1 \text{ mw/cm}^2$
COLLECTOR-EMITTER SATURATION VOLTAGE			0.4	V $I_c=2\text{mA}$ $E_e = 1 \text{ mw/cm}^2$
SWITCHING SPEEDS:				$V_{ce}=5\text{V}$
RISING TIME		15		$I_c= 1 \text{ mA}$
FALLING TIME		15		$R_l = 1000 \Omega$
PEAK WAVELENGTH SENSITIVITY		940		nm
SPECTRAL HALF WIDTH: 730			1100	nm
LENS COLOR: WATER CLEAR				

PARAMETER	MAX	UNITS
COLLECTOR-EMITTER VOLTAGE (V_{ce0})	30	V
EMITTER-COLLECTOR VOLTAGE (V_{ceo})	5	mA
COLLECTOR CURRENT	20	mA
POWER DISSIPATION	75	mW
OPERATING TEMP.	- 25 TO + 85	°C
STORAGE TEMP.	- 45 TO + 85	°C

1. 2,000 PIECES PER REEL.

1. SHELF LIFE IN SEALED BAG:
12 MONTHS AT <40°C AND <80% RELATIVE HUMIDITY (RH).
2. AFTER THIS BAG IS OPENED, DEVICES HAVE TO BE
MOUNTED WITHIN 48 HOURS OR STORED AT <30% RH.



*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= +0.00 DECIMAL PRECISION MAX= +0.00 DECIMAL PRECISION

1.6 x 3.2mm P.C.B., SURFACE MOUNT PHOTOTRANSISTOR,
1206 SMD PACKAGE, WATER CLEAR LENS, HIGH SENSITIVITY.

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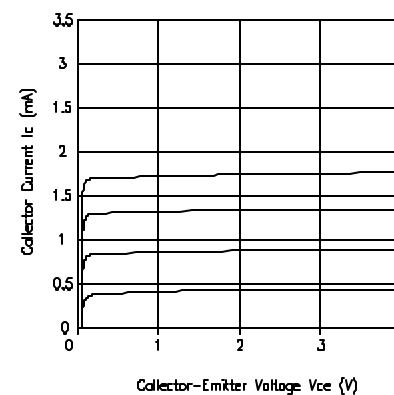
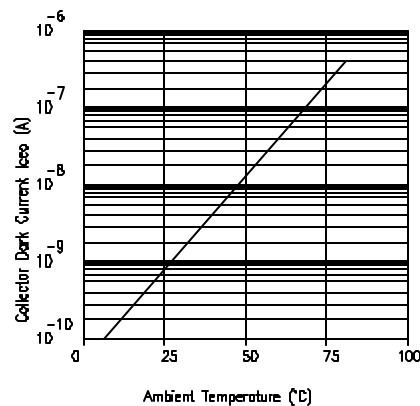
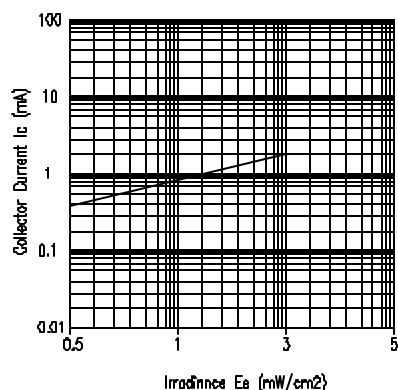
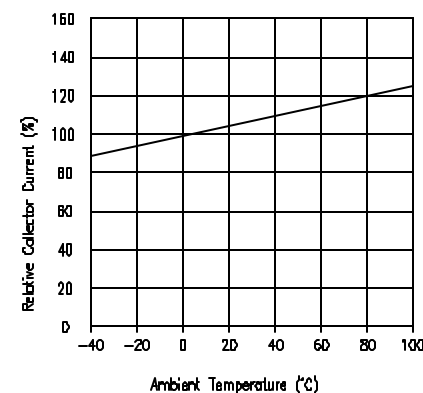
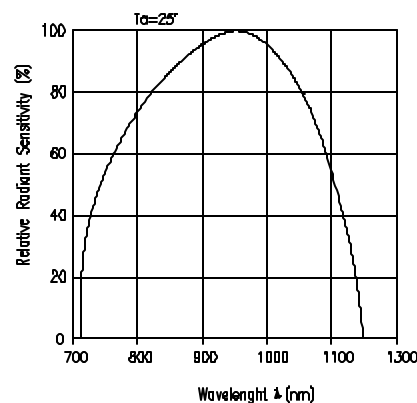
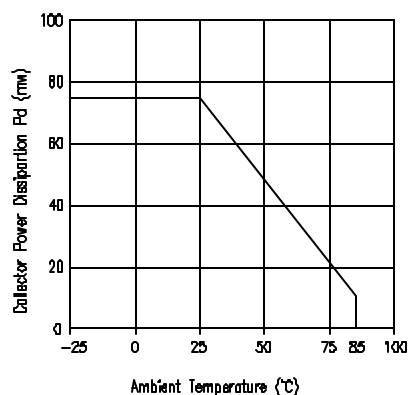
RELIABILITY NOTE

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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			SCALE: N/A



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REV.

PART NUMBER

OED-ST1206B-TR

1.6 x 3.2mm P.C.B., SURFACE MOUNT PHOTOTRANSISTOR,
1206 SMD PACKAGE, WATER CLEAR LENS, HIGH SENSITIVITY.

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