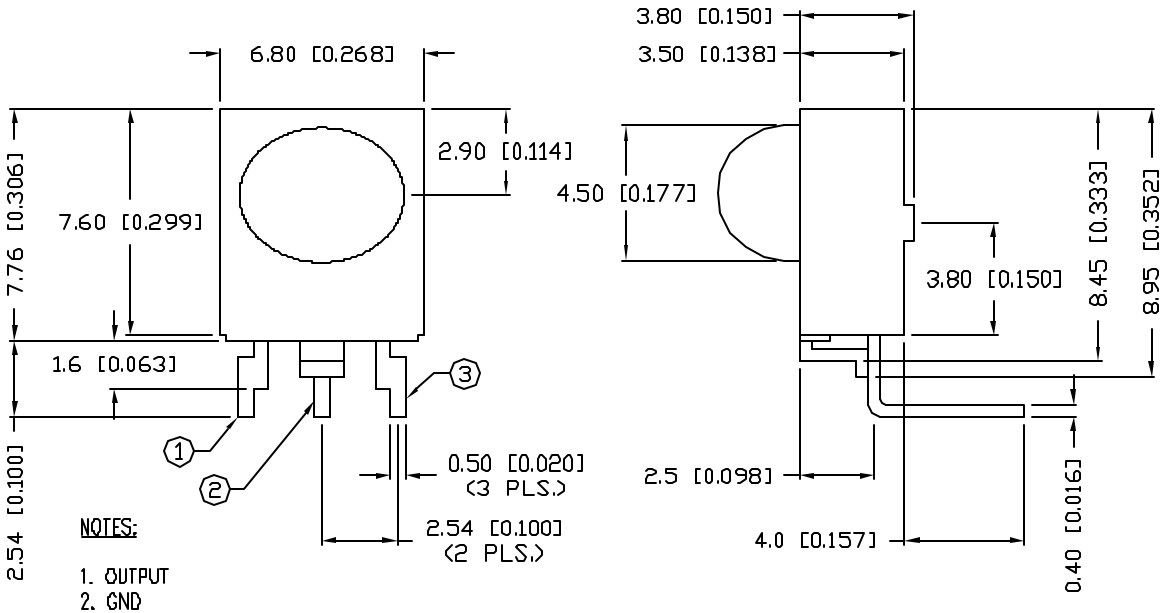
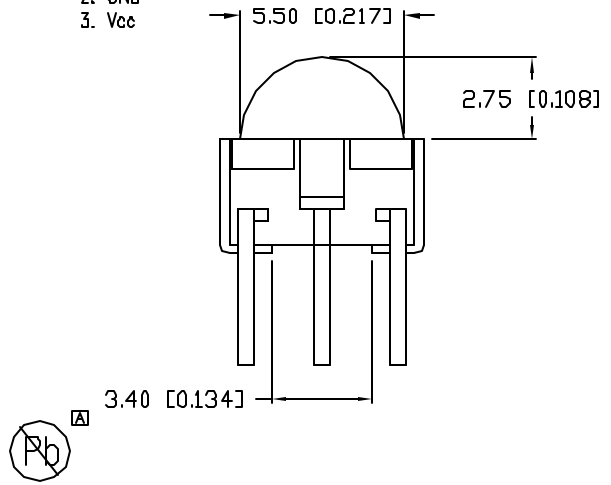
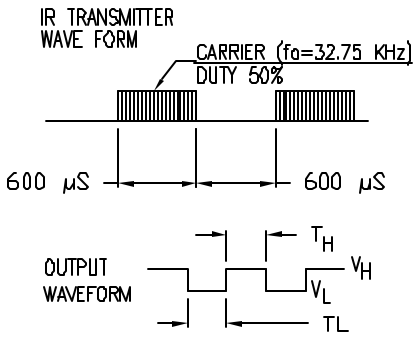
UNCONTROLLED DOCUMENT

PART NUMBER	REV.
OED-MRM797-2F	A

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11148.	5.7.07





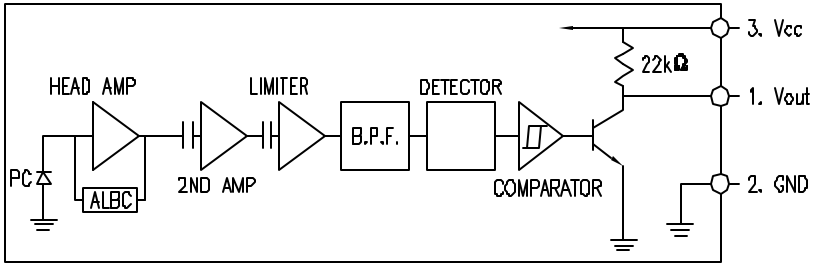


ELECTRO-OPTICAL CHARACTERISTICS AT T_A=25°C

PARAMETER	SYMBOL	MIN	TYP	MAX	UNITS
SUPPLY VOLTAGE	Vcc	4.5	5	5.5	V
SUPPLY CURRENT	Icc	–	–	3	mA
DETECTING DISTANCE	L	8	–	–	m
VERTICAL HALF ANGLE	θv	–	35	–	DEG
HORIZONTAL HALF ANGLE	θh	–	45	–	DEG
B.P.F. CENTER FREQUENCY	fo	–	56.8	–	kHz
PEAK WAVELENGTH	λp	–	940	–	nm
HIGH LEVEL OUTPUT VOLT.	Veh	4.5	–	–	V
LOW LEVEL OUTPUT VOLT.	Vol	–	–	0.5	V
HIGH/LOW LVL. PULSE WIDTH	TH/TL	400	–	800	µS

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	MAX	UNITS
STEADY VOLTAGE	6	V
STEADY CURRENT	3	mA
OPERATING TEMP.	– 30 TO + 85	°C
STORAGE TEMP.	– 40 TO + 85	°C
SOLDERING TEMP.	+ 260	°C
4.0mm FROM BODY		3 SEC. MAX



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*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=$^{\pm\text{DECIMAL PRECISION}}_{-0.00}$ MAX.=$^{+0.00}_{-\text{DECIMAL PRECISION}}$

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MINI RECIEVER MODULE, RIGHT ANGLE LEADS.

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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JC			PAGE: 1 OF 1
			SCALE: N/A