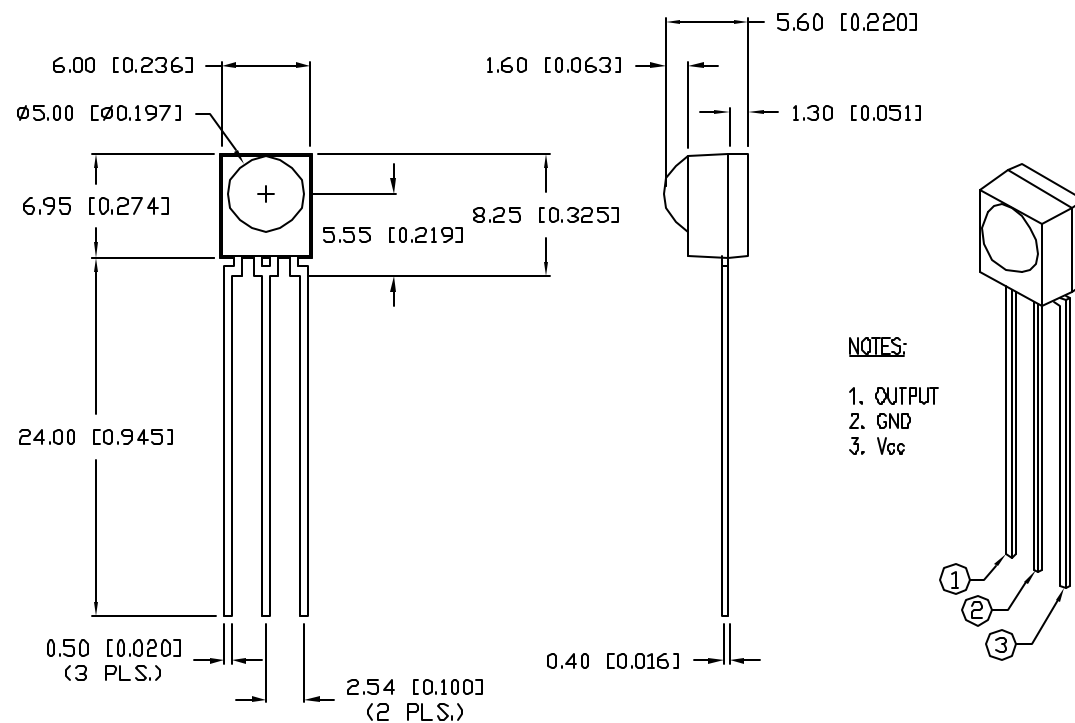
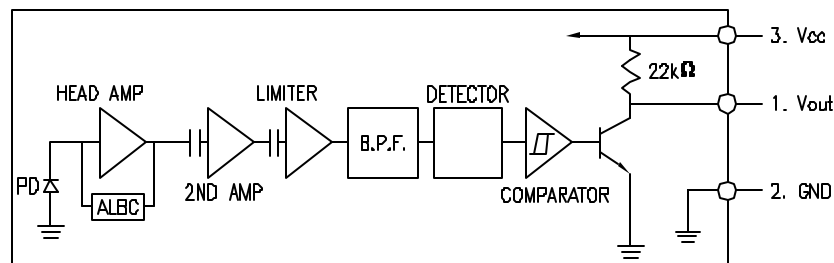


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NOTES:

1. OUTPUT
2. GND
3. Vcc



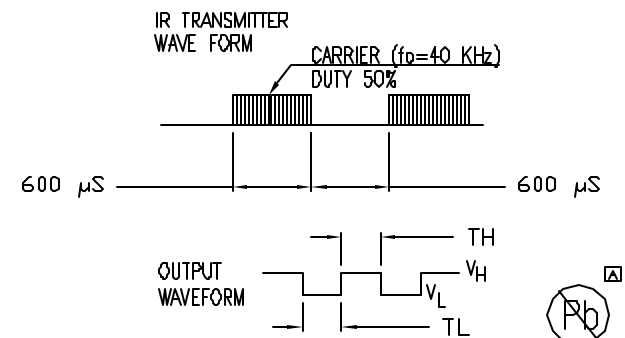
PART NUMBER		REV.
OED-MRM794-2F		A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11148.	5.7.07

ELECTRO-OPTICAL CHARACTERISTICS AT $T_A=25^\circ\text{C}$

PARAMETER	SYMBOL	MIN	TYP	MAX	UNITS
SUPPLY VOLTAGE	Vcc	2.5	5	5.5	V
SUPPLY CURRENT	Icc	-	-	2	mA
DETECTING DISTANCE	L	10	-	-	m
HALF ANGLE	θ	-	45	-	DEG
B.P.F. CENTER FREQUENCY	f _o	-	40	-	kHz
B.P.F. BANDWIDTH	fbw	-	3	-	kHz
PEAK WAVELENGTH	λ_p	-	940	-	nm
HIGH LEVEL OUTPUT VOLT.	V _{eh}	Vcc	-	-	V
LOW LEVEL OUTPUT VOLT.	V _{ol}	-	-	0.45	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	2	mA
OPERATING TEMP.	-30 TO +75	°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.=^{+DECIMAL PRECISION}_{-0.00} MAX.=^{+0.00}_{-DECIMAL PRECISION}

REV.

A

PART NUMBER

OED-MRM794-2F

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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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MINI RECIEVER MODULE, STRAIGHT LEADS.

DRAWN BY:

JC

CHECKED BY:

APPROVED BY:

DATE: 12.16.02

PAGE: 1 OF 1

SCALE: N/A