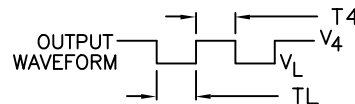
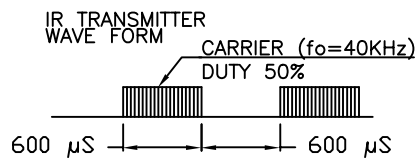
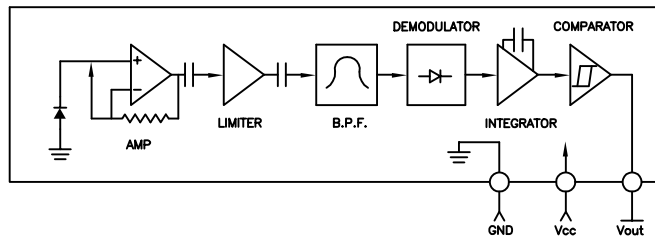
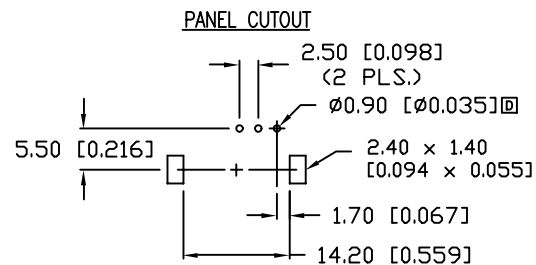
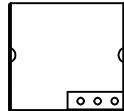
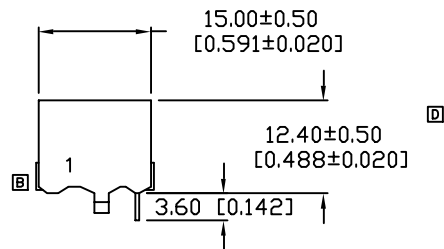
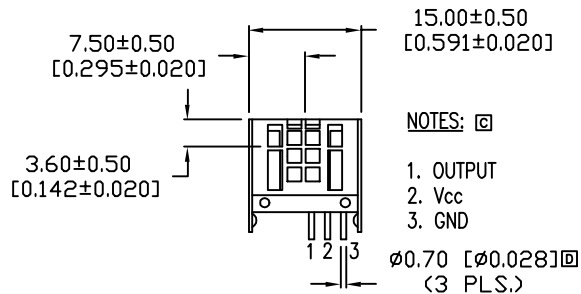


UNCONTROLLED DOCUMENT



*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

PART NUMBER
OED-RM200-2F

REV.

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10203.	7-3-96
B	E.C.N. #10445. & REDRAWN.	7-23-98
C	E.C.N. #10579.	1-10-00
D	E.C.N. #10614	4-14-00

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

PARAMETER	SYMBOL	MIN	TYP	MAX	UNITS
SUPPLY VOLTAGE	Vcc		5		V
SUPPLY CURRENT	Icc	-	-	3	mA
DETECTING DISTANCE	L	10	-	-	m
HALF ANGLE	θ	-	±45	-	DEG
B.P.F. CENTER FREQUENCY	f _o	-	38	-	KHz
PEAK WAVELENGTH	p	-	940	-	nm
HIGH LEVEL OUTPUT VOLT.	V _{oh}	Vcc	-	-	V
LOW LEVEL OUTPUT VOLT.	V _{ol}	-	-	0.45	V
HIGH/LOW LVL. PULSE WIDTH	TH/TL	440	-	770	μs

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	UNITS	RATING	UNITS
SUPPLY VOLTAGE	Vcc	6.3	V
SUPPLY CURRENT	Icc	3	mA
OUTPUT VOLTAGE	Vout	6.3	V
OPERATING TEMP.	T _{opr}	-10 TO +60	°C
STORAGE TEMP.	T _{str}	-20 TO +75	°C
SOLDERING TEMP.	T _{sol}	+260	°C
2.0mm FROM BODY		3	SEC. MAX

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REV.

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REMOTE CONTROL RECEIVER MODULE,
WITH POWER SUPPLY NOISE FILTER.

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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.

LUMEX
INCORPORATED

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			SCALE: N/A