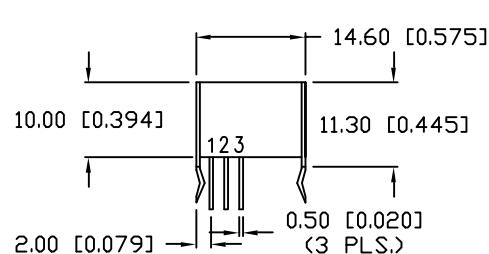
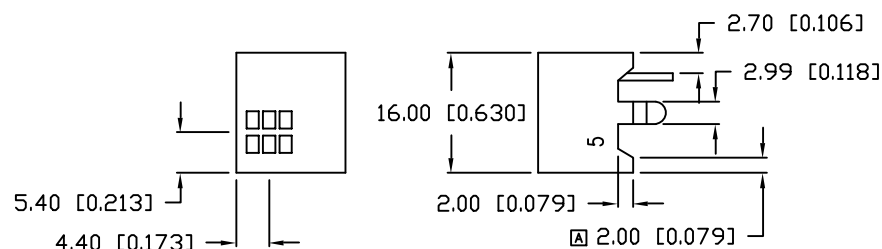
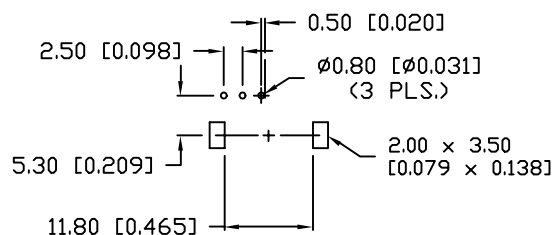


UNCONTROLLED DOCUMENT

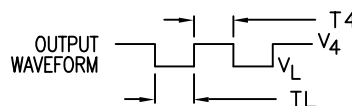
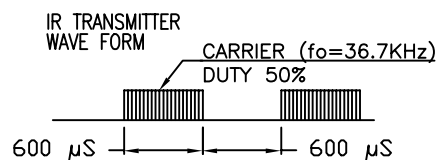
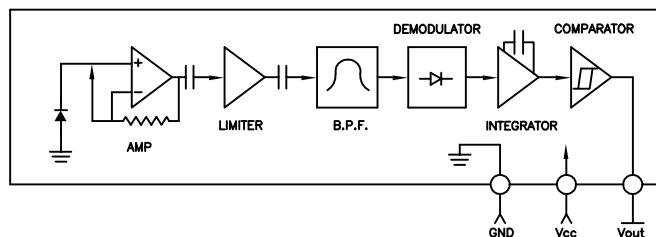


PANEL CUTOUT



NOTES: ①

1. OUTPUT
2. Vcc
3. GND

PART NUMBER
OED-RM220-5FREV.
B

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10445. & #10BRDR. & REDRAWN.	7-23-98
B	E.C.N. #10579.	1-10-00

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	fo	-	36.7	-	KHz
PEAK WAVELENGTH	p	-	940	-	nm
HIGH LEVEL OUTPUT VOLT.	Voh	Vcc	-	-	V
LOW LEVEL OUTPUT VOLT.	Vol	-	-	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.	Topr	-40 TO +60	°C
STORAGE TEMP.	Tstr	-20 TO +75	°C
SOLDERING TEMP.	Tsol	+260	°C
2.0mm FROM BODY			3 SEC. MAX

UNCONTROLLED DOCUMENT

*TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010). LEAD LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION MAX= +0.00 -DECIMAL PRECISION

REV.
BPART NUMBER
OED-RM220-5FREMOTE 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.

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TM/BC			PAGE: 1 OF 1
			SCALE: N/A