



RASCAL model R-5RY for ICOM 8 pin DIN with FSK input at pin 1 of ACC(1) data I/O jack.

- R1** = 430 ohms (Yellow, Orange Brown)
- R2** = 10K Variable Potentiometer (POT) for transmit audio (*coarse*) level control. (Use Sound Card software control for Receive and Transmit *fine* level settings.)
- R3** = 430 ohms (Yellow, Orange, Brown)
- C1** = 1 to 2.2 uF @ 35VDC. (Long lead is +)
- LED** = Red, LED; "Short Lead is toward IC pin 1."
- T1** = Winding cover = RED (600 to 600 ohm) .
- T2** = Winding cover = RED (600 to 600 ohm) .
- IC 1** = Optocoupler (4N37 or equiv) PTT Opto-Isolator.
- IC 2** = Optocoupler (4N33 or equiv) TxData FSK Driver/Isolator.

NOTES:

- Sound Card Plugs, **LINE IN = GREEN, and LINE OUT = WHITE.**
- *Sound card cables have built-in "ferrite core" for added RF suppression.
- "P" = Indicates "Primary" winding of transformer.
- IC Pin "1" is identified by a small dot or pin left of notch, with notch "up."
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- NOTE; For RTTY (RY), operation, set MMTTY for FSK, NOT AFSK