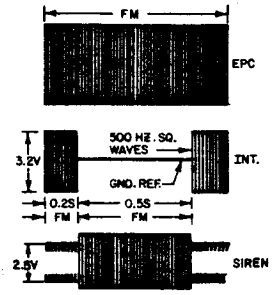


- NOTES:
1. ALL RESISTORS ARE RATED IN OHMS, HAVE A TOLERANCE OF ±10% AND A WATTAGE RATING OF 1/2 WATT, UNLESS OTHERWISE SPECIFIED.
 2. ALL CAPACITORS ARE RATED IN MICROFARADS, UNLESS OTHERWISE SPECIFIED.
 3. K=1000 M=1,000,000 PF=10⁻¹² FARAD.
 4. ⊥ INDICATES CONNECTION TO CIRCUIT COMMON.
 5. □ = ZERO SIGNAL D.C. VOLTAGES 20K OHM/V METER.
 6. Δ INDICATES ±5% TOLERANCE COMPONENT.
 7. D1 THRU D14 ARE IN457A
 8. JUMPER J1 USED ONLY WITH 12 VOLT SUPPLY AT M-Z.
 9. R7, R8 & R9 ARE MOVED TO A1, A2 & A3 LOCATION RESPECTIVELY TO CONTROL TONES ON A".
 10. () INDICATES TERMINAL BLOCK LUGS.
 11. JUMPER TERMINAL LUG (1) TO (10) TO COMBINE CHIME WITH OTHER THREE TONES.
 12. WHEN CHIME OUTPUT IS USED SEPARATELY, CUT OUT D9 TO ELIMINATE RELAY ACTIVATE SIGNAL.



IC NO.	RAULAND P/N	TYPE	DESCRIPTION
1	EC-0046	4519	4 BIT AND/OR SELECT
2	EC-0052	4016	QUAD ANALOG SWITCH
3	EC-0056	566	VOLT. CONT. OSCILLATOR
4	EC-0004	555	TIMER
5	EC-0013	741	OPERATIONAL AMPLIFIER



MTG-100
 CHIME TONE GENERATOR
 RAULAND-BORG CORP.
 CHICAGO, ILL.
 MADE IN U.S.A.
 KC-1309 □