

# ULTRASONIC TRANSDUCER SET



## TRANSMITTER

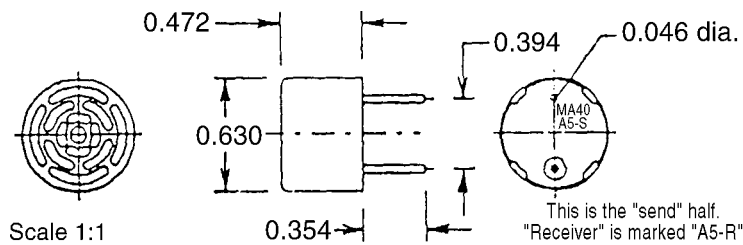
Murata/Erie P/N 492948. (Marked MA40 A5-S.)

1. Nominal Frequency = 40 KHz.
2. Max. Sensitivity (Sound Level) = 110 dB min.
3. Bandwidth = 4 KHz min. at 100 dB.
4. Capacitance = 1300 pF
5. Insulation Resistance = 100 MOhm min.
6. Temperature Characteristics : Variation of Sensitivity is within -10 dB at -20°C to +80°C.

## RECEIVER

Murata/Erie P/N 492951. (Marked MA40 A5-R.)

1. Nominal Frequency - 40 KHz.
2. Max. Sensitivity (Sound Level) = -67 dB min.
3. Bandwidth = 6 KHz min. at -74 dB.
4. Capacitance = 2000 pF.
5. Insulation Resistance = 1-- MOhm min.
6. Temperature Characteristics: Variation of Sensitivity is within -10 dB at -20°C to +60°C.



Note: Sensitivity 0 dB = 1V/ $\mu$ bar  
Sound Level 0 dB =  $2 \times 10^{-4}$   $\mu$ bar at 30 cm.  
Alltronic Part Number 94P015 - Matched Set