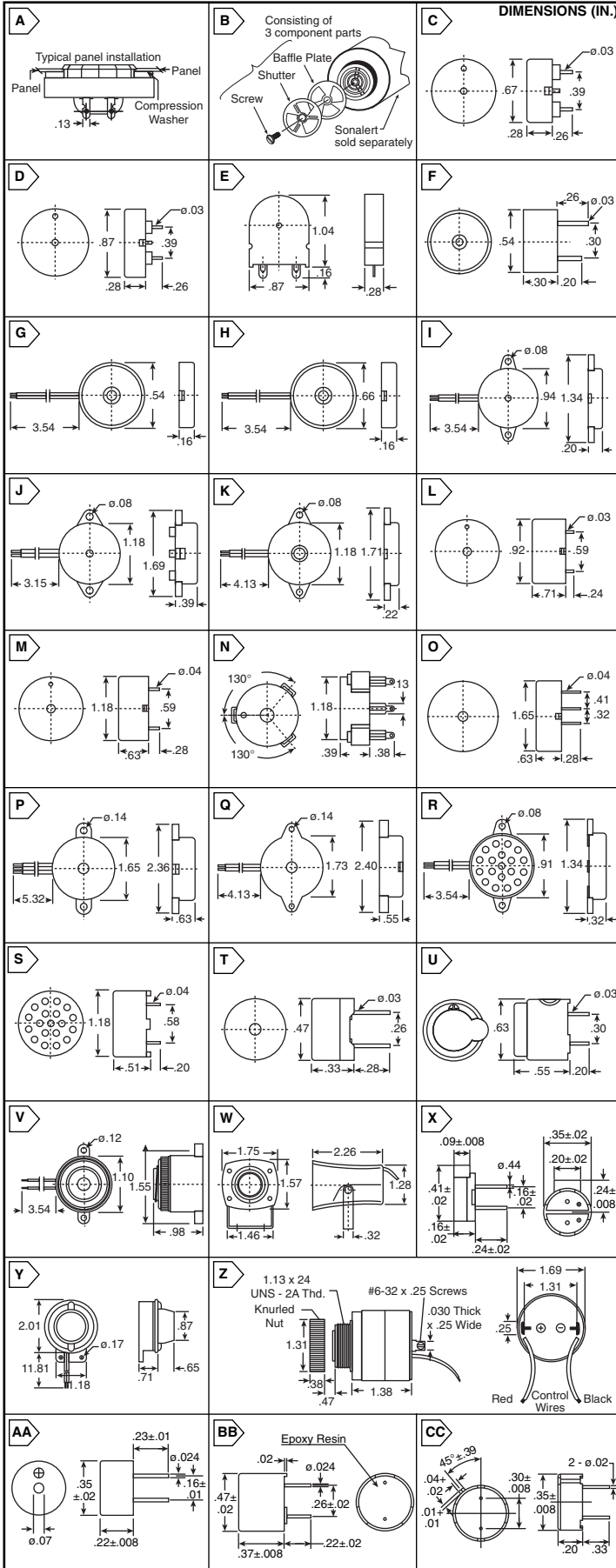


# MALLORY Audible Alarms, Buzzers, and Transducers



## MALLORY COMPRESSION WASHERS

- For mounting 539-SNP Series
- Compression 5:1
- Size 1.06" I.D. x 1.50" O.D.

For quantities 100 and up, call for quote.

| MOUSER STOCK NO. | Fig. | Material         | Washer Thickness | Panel Thickness      | Price Each |     |     |
|------------------|------|------------------|------------------|----------------------|------------|-----|-----|
|                  |      |                  |                  |                      | 1          | 25  | 50  |
| 539-PW1          | A    | Black ester foam | .063             | 11-12 GA (.125-.109) | .18        | .16 | .15 |
| 539-PW2          | A    | Black ester foam | .125             | 13-17 GA (.093-.056) | .34        | .31 | .28 |
| 539-PW3          | A    | Black ester foam | .187             | 18-22 GA (.050-.031) | .45        | .40 | .37 |

## MALLORY VOLUME CONTROL

- Manual
- Produces approximately -10dB to -15dB attenuation

For quantities 100 and up, call for quote.

| MOUSER STOCK NO. | Fig. | Material      | Description        | Price Each |     |     |
|------------------|------|---------------|--------------------|------------|-----|-----|
|                  |      |               |                    | 1          | 25  | 50  |
| 539-SCVC         | B    | Black plastic | For SC series only | .96        | .86 | .72 |

## MALLORY MOUNTED PIEZO TRANSDUCERS

- No Circuitry



### External Drive, No Feedback

For quantities 100 and up, call for quote.

| MOUSER STOCK NO. | Fig. | No. of Pins / Leads | Resonant Frequency ±500 (Hz) | Operating Voltage (max.) | Current (max.) mA | Sound Pressure dB (min.) | Price Each |      |      |
|------------------|------|---------------------|------------------------------|--------------------------|-------------------|--------------------------|------------|------|------|
|                  |      |                     |                              |                          |                   |                          | 1          | 25   | 50   |
| 539-PT1540P      | C    | 2 pins              | 4000                         | 25Vp-p                   | 1.5               | 85                       | 1.30       | 1.12 | 1.01 |
| 539-PT2040P      | D    | 2 pins              | 4000                         | 30Vp-p                   | 1.5               | 90                       | 1.98       | 1.49 | 1.27 |
| 539-PT2020P      | E    | 2 pins              | 2000                         | 30Vp-p                   | 1.5               | 80                       | 1.65       | 1.48 | 1.33 |
| 539-PT1240P      | F    | 2 pins              | 4100                         | 20Vp-p                   | 2.0               | 80                       | 3.03       | 2.61 | 2.33 |
| 539-PT1250W      | G    | 2 wires             | 4800                         | 30Vp-p                   | 1.5               | 80                       | 1.97       | 1.71 | 1.53 |
| 539-PT1550W      | H    | 2 wires             | 5000                         | 25Vp-p                   | 1.5               | 80                       | 1.37       | 1.18 | 1.05 |
| 539-PT2060W      | I    | 2 wires             | 6000                         | 30Vp-p                   | 1.5               | 90                       | 1.27       | 1.10 | .98  |
| 539-PT2725W      | J    | 2 wires             | 2500                         | 30Vp-p                   | 1.5               | 90                       | 1.06       | .99  | .96  |
| 539-PT2745W      | K    | 2 wires             | 4500                         | 30Vp-p                   | 1.5               | 90                       | 1.34       | 1.15 | 1.03 |
| 539-PT2130PQ     | L    | 2 pins              | 3000                         | 30Vp-p                   | 5.0               | 90                       | 1.95       | 1.52 | 1.45 |
| 539-PT2726PQ     | M    | 2 pins              | 2500                         | 30Vp-p                   | 1.5               | 90                       | 1.98       | 1.58 | 1.51 |

### Self Drive, With Feedback

For quantities 100 and up, call for quote.

| MOUSER STOCK NO. | Fig. | No. of Pins / Leads | Resonant Frequency ±500 (Hz) | Operating Voltage (max.) | Current (max.) mA | Sound Pressure dB (min.) | Price Each |      |      |
|------------------|------|---------------------|------------------------------|--------------------------|-------------------|--------------------------|------------|------|------|
|                  |      |                     |                              |                          |                   |                          | 1          | 25   | 50   |
| 539-PT2735FPL    | N    | 3 pins              | 3500                         | 3-28VDC                  | 10                | 88                       | 2.17       | 1.88 | 1.68 |
| 539-PT3529FP     | O    | 3 pins              | 2900                         | 3-28VDC                  | 8                 | 90                       | 2.70       | 2.33 | 2.08 |
| 539-PT2038FW     | I    | 3 wires             | 3800                         | 3-28VDC                  | 8                 | 85                       | 1.49       | 1.32 | 1.18 |
| 539-PT2065FW     | I    | 3 wires             | 6500                         | 3-28VDC                  | 8                 | 85                       | 1.98       | 1.87 | 1.43 |
| 539-PT2745FW     | K    | 3 wires             | 4000                         | 3-28VDC                  | 8                 | 85                       | 1.34       | 1.15 | 1.03 |
| 539-PT3529FW     | P    | 3 wires             | 2900                         | 3-28VDC                  | 8                 | 90                       | 2.31       | 2.01 | 1.83 |

### Telephone Ringer

For quantities 100 and up, call for quote.

| MOUSER STOCK NO. | Fig. | No. of Pins / Leads | Resonant Frequency ±500 (Hz) | Operating Voltage (max.) | Current (max.) mA | Sound Pressure dB (min.) | Price Each |      |      |
|------------------|------|---------------------|------------------------------|--------------------------|-------------------|--------------------------|------------|------|------|
|                  |      |                     |                              |                          |                   |                          | 1          | 25   | 50   |
| 539-PT4175W      | Q    | 2 wires             | 750                          | 40Vp-p                   | 1.5               | 87                       | 2.29       | 1.99 | 1.78 |

## MALLORY PIEZO AUDIO TRANSDUCERS, MINIATURE SPEAKERS

For quantities 100 and up, call for quote.

| MOUSER STOCK NO. | Fig. | Type | Resonant Frequency ±200 (Hz) | Operating Voltage (max.) | Impedance (Ω) | Sound Pressure dB (min.) | Price Each |      |      |
|------------------|------|------|------------------------------|--------------------------|---------------|--------------------------|------------|------|------|
|                  |      |      |                              |                          |               |                          | 1          | 25   | 50   |
| 539-PB2015W      | R    | Cone | 1500                         | 2-5Vp-p                  | 8.0           | 75                       | 4.51       | 3.98 | 3.55 |
| 539-PB2712P      | S    | Cone | 1250                         | 2-5Vp-p                  | 8.0           | 85                       | 4.55       | 4.04 | 3.60 |

## MALLORY PIEZO ELECTRO-MAGNETIC TRANSDUCERS, SMALL SIZE



For quantities 100 and up, call for quote.

| MOUSER STOCK NO.   | Fig. | Rated Voltage (V) | Resonant Frequency (Hz) | Operating Voltage (V) | Current (max.) mA | Sound Pressure dB (min.) | Price Each |      |      |
|--------------------|------|-------------------|-------------------------|-----------------------|-------------------|--------------------------|------------|------|------|
|                    |      |                   |                         |                       |                   |                          | 1          | 25   | 50   |
| 539-PB1220P        | T    | 1.5               | 2048                    | 1.25 - 2.5            | 40                | 85                       | 1.88       | 1.75 | 1.58 |
| 539-PB1221P        | T    | 1.5               | 2048                    | 1.25 - 2.5            | 18                | 80                       | 1.44       | 1.37 | 1.05 |
| 539-PB1621P        | U    | 5                 | 2048                    | 4-7                   | 60                | 85                       | 2.26       | 1.96 | 1.74 |
| 539-PB1622P        | U    | 12                | 2048                    | 10-14                 | 40                | 85                       | 2.26       | 1.96 | 1.74 |
| 539-PB09C27PE01AQ  | V    | 1.5               | 2731                    | 1.25-2.0              | 70                | 80                       | 2.80       | 2.24 | 2.02 |
| 539-PB09C27PE03AQ  | W    | 3.0               | 2731                    | 2.0-5.0               | 70                | 80                       | 2.80       | 2.24 | 2.02 |
| 539-PB09C27PE05AQ  | X    | 5.0               | 2731                    | 4.5-5.5               | 70                | 85                       | 2.80       | 2.24 | 2.02 |
| 539-PB1820PL06AQ   | Y    | 6.0               | 3250                    | 3.0-10.0              | 40                | 85                       | 2.88       | 2.30 | 2.07 |
| 539-PB0627PE05AQ   | Z    | 5.0               | 2731                    | 4.0-5.0               | 90                | 70                       | 3.13       | 2.50 | 2.25 |
| 539-PB0927PD1AQ    | AA   | 5.0               | 2700                    | 3.0-7.0               | 80                | 85                       | 2.88       | 2.30 | 2.07 |
| 539-PB1226PEAQ     | BB   | 1.5               | 2600                    | 1.1-3.0               | 30                | 85                       | .75        | .60  | .54  |
| 539-PB-1420PL-03AQ | CC   | 3.0               | 2000                    | 1.0-4.0               | 35                | 85                       | 3.03       | 2.42 | 2.18 |