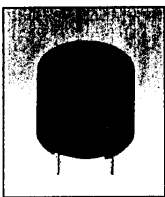
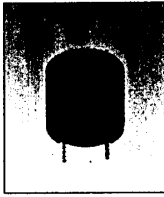
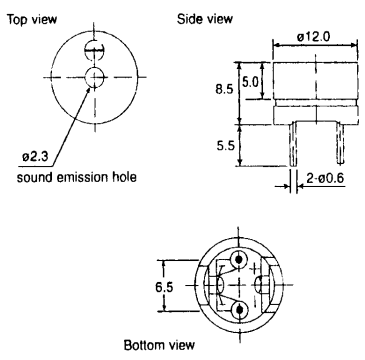
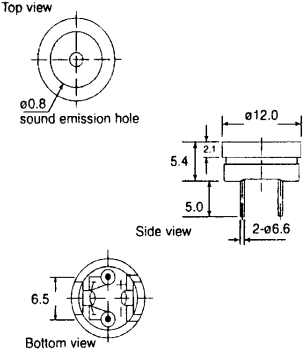
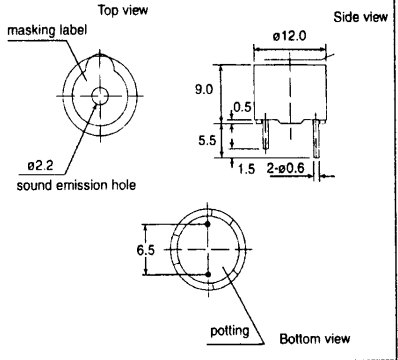
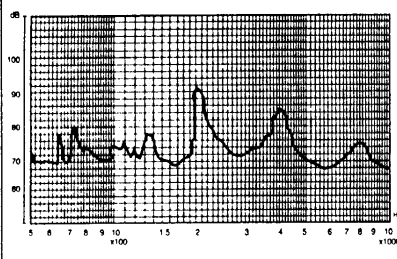
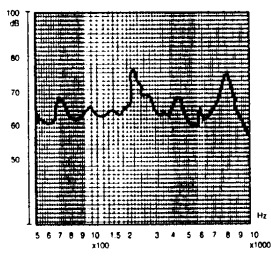
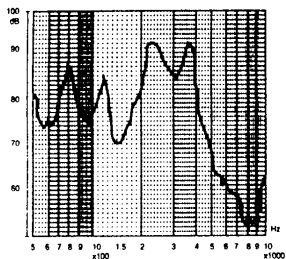


## Magnetic Transducer



| Part number                                  | 41.T70P015H 41.T77P015H 41.T77P050H                                                 |           |           | 41.T74P015H                                                                          | 41.T79P015H 41.T79P050H 41.T79P120H                                                 |           |                                                                                       |
|----------------------------------------------|-------------------------------------------------------------------------------------|-----------|-----------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------|---------------------------------------------------------------------------------------|
|                                              |    |           |           |     |  |           |                                                                                       |
| Operating voltage (VDC)                      | 1-2                                                                                 | 1-2       | 1-5       | 1-2                                                                                  | 1-2                                                                                 | 3-8       | 6-15                                                                                  |
| Rated voltage (VDC)                          | 1.5                                                                                 | 1.5       | 1.5       | 1.5                                                                                  | 1.5                                                                                 | 5         | 12                                                                                    |
| *Maximum rated current (mA)                  | 30                                                                                  | 10        | 10        | 10                                                                                   | 70                                                                                  | 40        | 40                                                                                    |
| Coil resistance ( $\Omega$ )                 | 16                                                                                  | 50        | 50        | 50                                                                                   | 6.5                                                                                 | 47        | 140                                                                                   |
| **Coil impedance ( $\Omega$ )                | 40                                                                                  | 140       | 140       | 40                                                                                   | 16                                                                                  | 80        | 240                                                                                   |
| *Minimum sound output (dBA/10cm)             | 85                                                                                  | 80        | 80        | 70                                                                                   | 75                                                                                  | 85        | 85                                                                                    |
| Resonant frequency (Hz)                      | 2048                                                                                | 2048      | 2048      | 2048                                                                                 | 2400                                                                                | 2400      | 2400                                                                                  |
| Operating temperature ( $^{\circ}\text{C}$ ) | -20~+60                                                                             | -20~+60   | -20~+60   | -20~+60                                                                              | -40~+85                                                                             | -40~+85   | -40~+85                                                                               |
| Weight (g)                                   | 2                                                                                   | 2         | 2         | 2                                                                                    | 2                                                                                   | 2         | 2                                                                                     |
| Colour                                       | Black                                                                               | Black     | Black     | Black                                                                                | Black                                                                               | Black     | Black                                                                                 |
| Housing material                             | Noryl SEI                                                                           | Noryl SEI | Noryl SEI | Noryl SEI                                                                            | Noryl SEI                                                                           | Noryl SEI | Noryl SEI                                                                             |
| PIN pitch (mm)                               | 6.5                                                                                 | 6.5       | 6.5       | 6.5                                                                                  | 6.5                                                                                 | 6.5       | 6.5                                                                                   |
| Dimensions (mm)                              |  |           |           |  |                                                                                     |           |  |
| Options                                      | Leadwire                                                                            |           |           | -                                                                                    |                                                                                     |           | Leadwire                                                                              |
| Frequency response graph                     |  |           |           |  |                                                                                     |           |  |

\*Value applying rated voltage (2048Hz, 1/2 duty, square wave)

\*\*Value applying (2048Hz, sine wave, measuring current 60 $\mu$ A)