

## DATA SHEET

RECEIVER EWK SERIES  
EWK-50060-000  
DAMPING TYPE NO DAMPING



### DESCRIPTION

Balanced armature type receiver, used as wide band application.

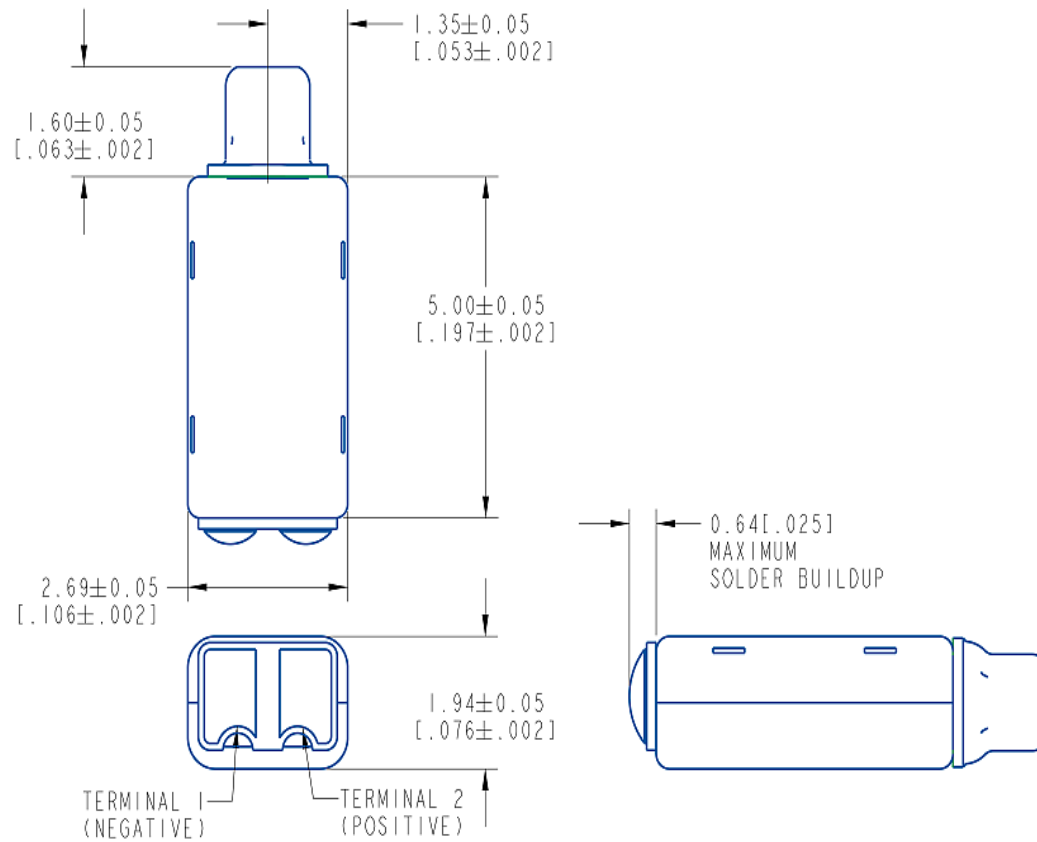
### FEATURES

Provide Wide band and midrange output  
Perfect for using in headset as midrange driver  
Smallest size

### MECHANICAL DATA

|           |                    |
|-----------|--------------------|
| WEIGHT    | 0.10 GRAMS TYPICAL |
| STORAGE   | -40°C to 70°C      |
| OPERATION | 0°C to 70°C        |

## PRODUCT DIMENSION



## ACOUSTIC SPECIFICATION

Environment 23°C 50%RH

Typical Response curve

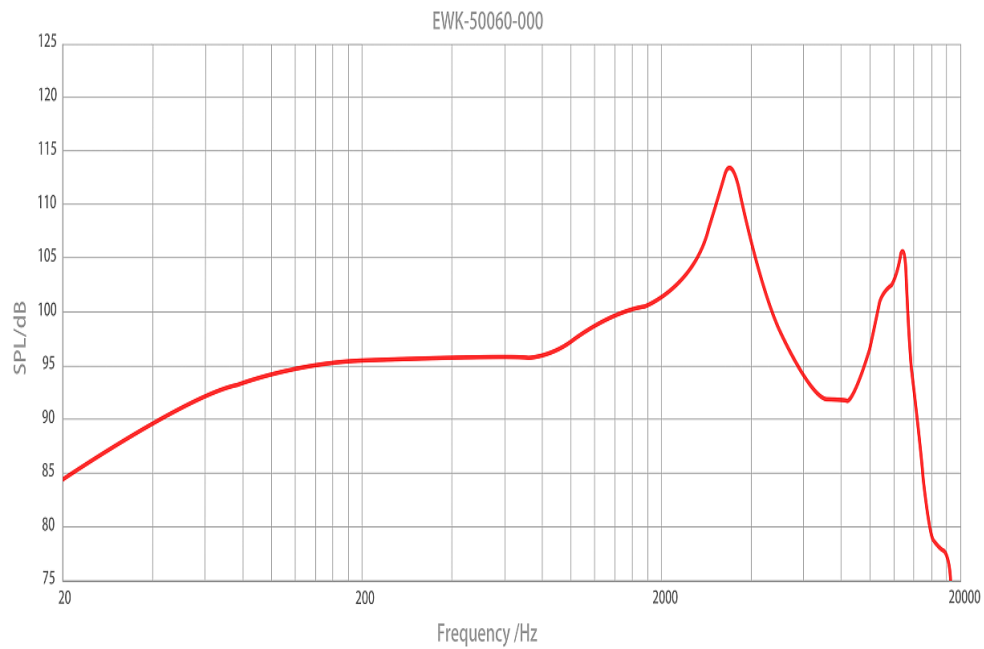


TABLE- SENSITIVITY

| FREQUENCY | MIN   | NOMINAL | MAX   |
|-----------|-------|---------|-------|
| 200       | -3.0  | -0.5    | +2.0  |
| 500       | -2.0  | 95.5    | +2.0  |
| 1000      | 0.0   | +2.0    | +4.0  |
| 3000-3600 | +14.0 | +17.5   | +21.0 |
| 6500-8600 | -8.0  | -4.0    | 0.0   |

\*\*\* SENSITIVITY IN dB IS RELATED TO 20uPa

TABLE- TOTAL HARMONIC DISTORTION

| FREQUENCY | AC DRIVE(V rms) | LIMIT (%) |
|-----------|-----------------|-----------|
| 1510      | 0.094           | 5         |
| 2410      | 0.094           | 5         |
| 2410      | 0.265           | 10        |

TABLE- ACOUSTIC LOAD

|                                      |
|--------------------------------------|
| IEC 60318-4 COUPLER(IEC-711 COUPLER) |
|                                      |

## ELECTRICAL SPECIFICATION

|                       |                  |
|-----------------------|------------------|
| Nominal Drive Type    | CONSTANT VOLTAGE |
| Nominal Drive (V rms) | 0.094            |
| DCR @ 20°C            | 12.5 Ohms +/-10% |
| Impedance @ 500Hz     | 13.5 Ohms +/-15% |
| Impedance @ 1000Hz    | 14.5 Ohms +/-15% |

ISOLATION: CASE WILL BE ELECTRICAL ISOLATED FROM THE COIL