

# Piezoelectronic Receiver Units

Lead type

Without oscillation circuit

RU series

Issue date: February 2007

- All specifications are subject to change without notice.
  - Conformity to RoHS Directive: This means that, in conformity with EU Directive 2002/95/EC, lead, cadmium, mercury, hexavalent chromium, and specific bromine-based flame retardants, PBB and PBDE, have not been used, except for exempted applications.
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# Receiver Units

## Lead RU Series

Conformity to RoHS Directive

### FEATURES

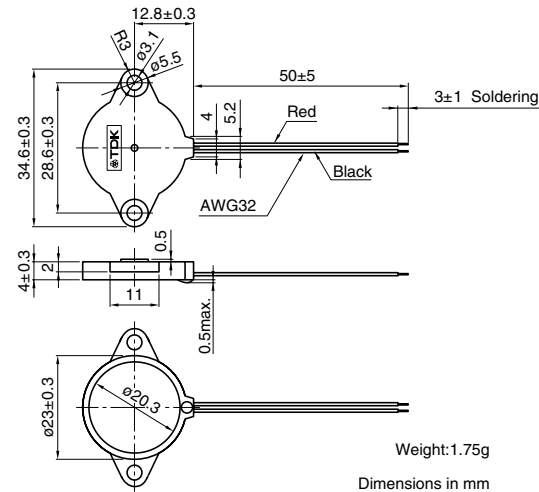
- Compact, thin sounding body using unimorph piezoelectric vibration plate is best suited for mobile telephone and PHS use.
- No leakage flux is expected in contrast to magnetic type.

### APPLICATIONS

Cellular and cordless phones, personal handy-phone systems (PHS)

### SHAPES AND DIMENSIONS

#### RU2334L50N1, N2



### CHARACTERISTICS

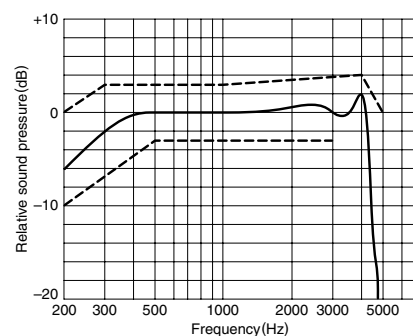
Part No.	Sound pressure (dB)	Capacitance (nF)	Maximum input voltage Erms(V)	Operating temperature range (°C)	Operating humidity range* (%RH)	Terminal construction
RU2334L50N1	108±3	60±30%	5[Ep-p:14V]	-20 to +70	10 to 80	Lead wire
RU2334L50N2	108±3	60±30%	5[Ep-p:14V]	-20 to +70	10 to 80	Lead wire

\* Without dewing.

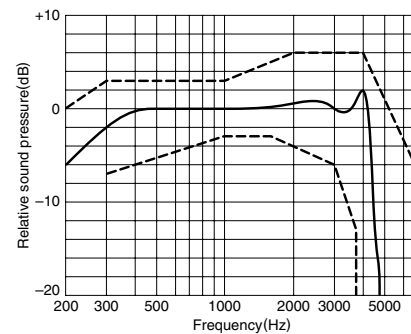
### TYPICAL ELECTRICAL CHARACTERISTICS

#### SOUND PRESSURE vs. FREQUENCY CHARACTERISTICS

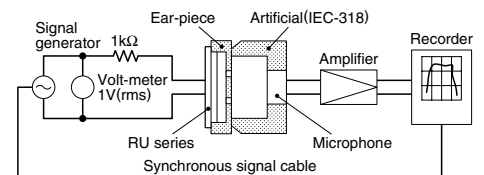
##### RU2334L50N1 TYPE



##### RU2334L50N2 (IMPROVED LOW NOISE REGION) TYPE



### TEST METHODS



• Conformity to RoHS Directive: This means that, in conformity with EU Directive 2002/95/EC, lead, cadmium, mercury, hexavalent chromium, and specific bromine-based flame retardants, PBB and PBDE, have not been used, except for exempted applications.

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