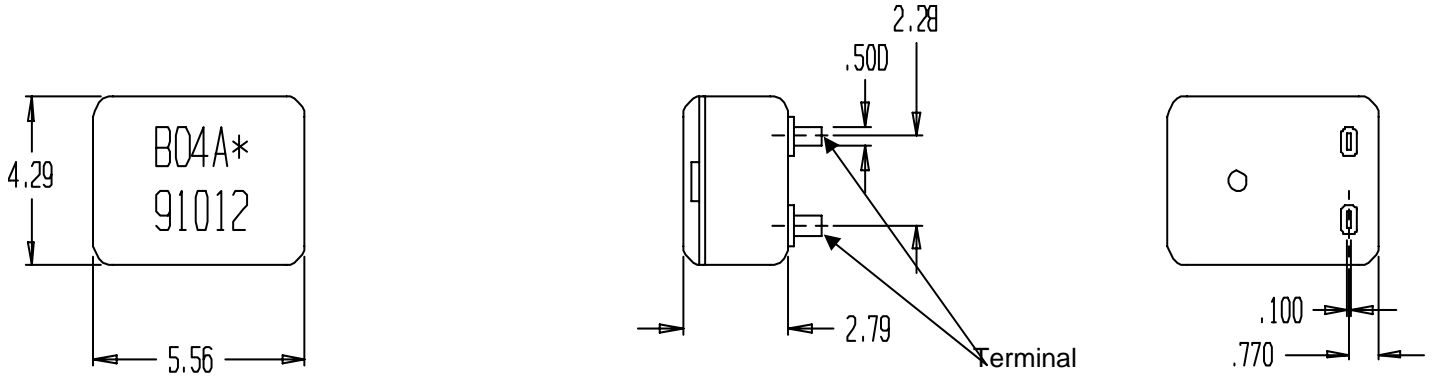
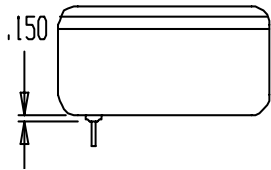


*This Balanced Armature Receiver product is manufactured by Star Micronics and is available under special agreement with Tibbetts Industries, Inc.*

### Physical Dimensions (mm)



Receiver Outline Drawing  
 Star Micronics Co. LTD  
 RBB-04A-PS SPEC V1.0



### Environmental Condition

| Item                | Specification     |         |
|---------------------|-------------------|---------|
| Test Condition      | Temperature       | 20~25°C |
|                     | Relative Humidity | 40~60%  |
| Operating Condition | Temperature       | 10~40°C |
|                     | Relative Humidity | 20~90%  |
| Storage Condition   | Temperature       | 10~40°C |
|                     | Relative Humidity | 20~95%  |

# TI-RBB-04A-PS

Technical Data Sheet (cont.)

## General Specification

| Item                      | Specification                                                        |
|---------------------------|----------------------------------------------------------------------|
| Sensitivity               | 104±4dB                                                              |
| Relative sensitivity      | 100 Hz: -5.0~+1.0dB<br>F1 peek: +3.0~+11.0dB<br>F2 peek: -4.0~+4.0dB |
| Resonance frequency       | F1 peek: 1900~3100Hz<br>F2 peek: 4100~5300Hz                         |
| Total Harmonic distortion | 10% Max                                                              |
| Impedance                 | 400± 80Ω                                                             |
| DC Resistance             | 236± 24Ω                                                             |
| External Size             | 4.3 x 5.6 x 2.8 mm                                                   |
| Isolation                 | greater than 10MΩ                                                    |

## Measuring Conditions

- (1) Acoustic loading:  $\phi$  1mm x 10mm tubing into a cavity 2cc coupler
- (2) Electrical test conditions: Input Voltage 0.707Vrms (serial 240Ω)

## Standard Frequency Response

