

## AMB-O60F42-NA (RoHS)

### SPECIFICATIONS

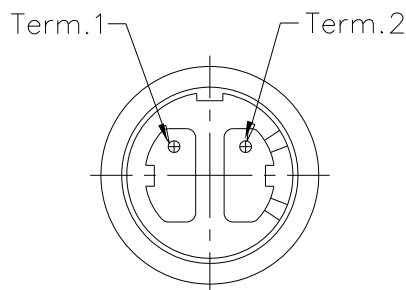
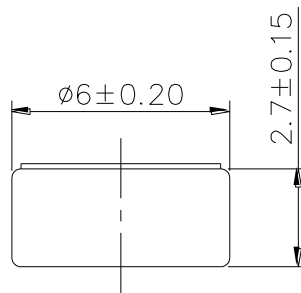
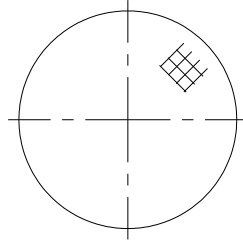
|           |                                   |   |
|-----------|-----------------------------------|---|
| <b>01</b> | <b>Electret Type</b>              | Back type                                 |
| <b>02</b> | <b>Sensitivity</b>                | -42±3dB (0dB=1V/Pa,1KHz)                  |
| <b>03</b> | <b>Output Impedance (Max)</b>     | 2.2KΩ                                     |
| <b>04</b> | <b>Directivity</b>                | Omnidirectional                           |
| <b>05</b> | <b>Frequency Range</b>            | 70-20,000Hz                               |
| <b>06</b> | <b>Max. Operation Voltage</b>     | 10V                                       |
| <b>07</b> | <b>Standard Operation Voltage</b> | 2.0V                                      |
| <b>08</b> | <b>Current Consumption</b>        | Max.0.5mA                                 |
| <b>09</b> | <b>Sensitivity Reduction</b>      | Within -3dB 0dB=1V/Pa,1KHz Vs=2.0 to 1.5V |
| <b>10</b> | <b>S/N Ratio</b>                  | ≥ 58dB                                    |
| <b>11</b> | <b>Operating Temperature</b>      | -25~+70°C                                 |
| <b>12</b> | <b>Storage Temperature</b>        | -40~+70°C                                 |

REV NO.

REVISION NOTE

APPROVAL

DATE



|                               |  |                                   |                               |               |
|-------------------------------|--|-----------------------------------|-------------------------------|---------------|
| TITLE: <i>MICROPHONE</i>      |  | DRAWN: <b>Milton</b> 10/22/2002   | SCALE: 5:1                    | SHEET: 1 of 1 |
| PART NO. <i>AMB-060F42-NA</i> |  | DESIGNED: <i>R &amp; D OF AAT</i> | UNITS: <i>mm</i>              |               |
| DWG NO. <i>DTM-1267</i>       |  | CHECKED:                          | TOLERANCE $\pm 0.2$           |               |
|                               |  | APPROVAL:                         | UNLESS OTHERWISE SPECIFIED:   |               |
| REV                           |  | MATERIAL: *****                   | ONE PLACE DECIMAL $\pm$ ***   |               |
|                               |  |                                   | TWO PLACE DECIMAL $\pm$ ***   |               |
|                               |  |                                   | THREE PLACE DECIMAL $\pm$ *** |               |



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For more information, please contact AATC.