**BASS MIDRANGE**

**AP210Z0 W082GS3011 102047N**

**Shielded 8” HDA cone driver**
**High impact polymer chassis**

- HDA (High Definition Aerogel) cone
- Fully shielded magnet system for audio video application
- Non resonant high impact polymer chassis
- High loss rubber surround
- Built in cosmetic ring designed for front-rear and recessed mounting
- High temperature voice coil - 4 layers
- Aluminium former

**Response Curve**

- Sensitivity Mag - dB SPL/watt [2.833 V - 1 meter] (0.10 oct/eq)
- Impedance Curve

**Waterfall**

- Cumulative Spectral Decay
- Log Frequency - Hz

**Specifications**

<table>
<thead>
<tr>
<th>Technical characteristics</th>
<th>Symbol</th>
<th>Value</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRIMARY APPLICATION</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nominal Impedance</td>
<td>Z</td>
<td>6</td>
<td>Ω</td>
</tr>
<tr>
<td>Resonance Frequency</td>
<td>F&lt;sub&gt;s&lt;/sub&gt;</td>
<td>29</td>
<td>Hz</td>
</tr>
<tr>
<td>Nominal Power Handling</td>
<td>P</td>
<td>70</td>
<td>W</td>
</tr>
<tr>
<td>Sensitivity (2.833 V - 1m)</td>
<td>E</td>
<td>89.8</td>
<td>dB</td>
</tr>
</tbody>
</table>

**Voice Coil**

- Voice Coil Diameter: Ø 30 mm
- Minimum Impedance: Z<sub>min</sub> 6.3 Ω
- DC Resistance: Dcr 5.3 Ω
- Voice Coil Inductance: L<sub>tm</sub> 1 mH
- Voice Coil Length: h 11.2 mm
- Former: - Aluminum -
- Number of Layers: n 4 -
- Wire type: - round -

**Magnet**

- Magnet Dimensions: Ø x H 94 x 15 mm
- Magnet Weight: m 0.15 kg
- Flux Density: B 1 T
- Force Factor: BL 8.10 NA
- Weight of Magnetic Gap: He 6 mm
- Stray Flux: F<sub>mag</sub> - Am<sup>2</sup>/m
- Linear Excursion: X<sub>max</sub> ± 2.6 mm

**Suggested Applications**

<table>
<thead>
<tr>
<th>Vb</th>
<th>Fb</th>
<th>Dp</th>
<th>Lp</th>
<th>F-3</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>liters Hz cm cm Hz</td>
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<tr>
<td>30</td>
<td>37.2</td>
<td>6</td>
<td>16</td>
<td>46.3</td>
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<tr>
<td>40</td>
<td>36.0</td>
<td>6</td>
<td>12</td>
<td>41.0</td>
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