Conductive Double-Sided Tape

Lineup of conductive double-sided tape with structures originally developed by Seiren.

Structure & Features

MST Series

- Cu + Ni
- Non-conductive adhesive
- PET
- Exposed conductive mesh
- Stable conductivity
- Excellent grounding performance

- Conductive mesh provides excellent grounding performance.
- Available in 2 thicknesses: 30 and 50 μm.
- Light and UV permeability.

Performance

<table>
<thead>
<tr>
<th>Grade No.</th>
<th>MST30</th>
<th>MST50</th>
<th>Conventional</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thickness (μm)</td>
<td>30</td>
<td>50</td>
<td>50</td>
</tr>
<tr>
<td>Structure</td>
<td>Base material</td>
<td>Conductive mesh</td>
<td>Conductive mesh</td>
</tr>
<tr>
<td>Adhesive</td>
<td>Non-conductive</td>
<td>Non-conductive</td>
<td>Non-conductive</td>
</tr>
<tr>
<td>Separator</td>
<td>PET</td>
<td>PET</td>
<td>Paper</td>
</tr>
<tr>
<td>Contact resistivity (mΩ/inch²)</td>
<td>2</td>
<td>2</td>
<td>50</td>
</tr>
<tr>
<td>180° peel strength (N/inch)</td>
<td>10</td>
<td>12</td>
<td>10</td>
</tr>
</tbody>
</table>

*Note that the figures for the parameters of each grade of the product in the table only represent their respective measured values, not their guaranteed values for the grade.

Applications

- FPC and board grounding
- EMI shielding

Seiren’s highly conductive ultra-thin double-sided tape

(Bezel side)

FPC grounding area

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