SHIELDING CAN

FEATURES

- Precision-made to prevent noise leak at joints

MATERIAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Material</th>
<th>Standard Number</th>
<th>Thickness [mm]</th>
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<tbody>
<tr>
<td>Cu-Ni-Zn alloy (nickel silver)</td>
<td>7541</td>
<td>0.1</td>
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<tr>
<td></td>
<td></td>
<td>0.15</td>
</tr>
<tr>
<td>Brass</td>
<td>C2680</td>
<td>0.2</td>
</tr>
<tr>
<td>Sn-plated Steel</td>
<td>Various</td>
<td>0.3</td>
</tr>
<tr>
<td>Electric Tape (#YT130)</td>
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<td></td>
<td>Backing : Polyimide film (0.025mm)</td>
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<tr>
<td></td>
<td>Adhesive : Silicone</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Total thickness : 0.065mm</td>
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<tr>
<td></td>
<td>Adhesion : 680 gf/in</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Operating temp. : -40 – 260°C</td>
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</table>

TYPICAL PERFORMANCE

Shielding effectiveness depends on the shape of the products (material, thickness, whether the holes are present and their size). Normally attenuation is 40~50dB at 100MHz~1GHz.

PACKAGING

- Packaged in tape reels
- *Bulk-packed on request.

APPLICATIONS

- Notebook PC, PDA, PHS, CDMA, digital camera, LCD, GPS system for vehicle, ITS, CDROM drive, mobile phone, shielded box, measuring instrument, military device, etc.

PART NUMBER SYSTEM

SMCEA XX-XXX-XXX-XX-XX-X

- External width Ex030=3.0mm
- External length Ex050=5.0mm
- External height Ex20=2.0mm
- Material F : Sn/steel
  S : SUS
  B : Brass
  G : Nickel silver
- Surface Mount shielding Can
- Surface plating
  S : Sn
  N : Ni
  G : Gold

- Can be supplied in tape reels for high speed placement on the PCB
- Custom-made to user specifications

RoHS compliant
Custom sizes only

Surface Mount shielding Can