**XA CONNECTOR** (High box type)

2.5 mm pitch/Disconnectable Crimp style connectors

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**Specifications**

- **Current rating**: 3 A AC/DC (AWG #22)
- **Voltage rating**: 250 V AC/DC
- **Temperature range**: -25℃ to +85℃  
  (including temperature rise in applying electrical current)
- **Contact resistance**: Initial value/ 10 mΩ max.  
  After environmental tests/ 20 mΩ max.
- **Insulation resistance**: 1,000 MΩ min.
- **Withstanding voltage**: 1,000 VAC/minute
- **Applicable wire**: AWG #28 to #22
- **Applicable PC board thickness**: 1.6 mm

* In using the products, refer to "Handling Precautions for Terminals and Connectors" described on our website (Technical documents of Product information page).
* RoHS2 compliance
* Dimensional unit: mm
* Contact JST for details.

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**Standards**

- Recognized E60389
- Certified LR20812
- R9851220

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**PC board layout and Assembly layout**

- With a boss
- Without a boss

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**Note:**

1. The above figure is the figure viewed from the connector mounting side.
2. Tolerances are non-cumulative: ± 0.05 mm for all centers.
3. Hole dimensions differ according to the type of PC board and piercing method.

The dimensions above should serve as a guideline. Contact JST for details.
XA CONNECTOR (High box type)

Contact

Material and Finish
Glass-filled PA 66, UL94V-0, natural (ivory)

Retainer mountable type

Housing

Standard type

<table>
<thead>
<tr>
<th>No. of circuits</th>
<th>Model No.</th>
<th>Dimensions (mm)</th>
<th>Q’ty/bag</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>XAP-02V-1</td>
<td>A B</td>
<td>1,000</td>
</tr>
<tr>
<td>3</td>
<td>XAP-03V-1</td>
<td>A B</td>
<td>1,000</td>
</tr>
<tr>
<td>4</td>
<td>XAP-04V-1</td>
<td>A B</td>
<td>1,000</td>
</tr>
<tr>
<td>5</td>
<td>XAP-05V-1</td>
<td>A B</td>
<td>1,000</td>
</tr>
<tr>
<td>6</td>
<td>XAP-06V-1</td>
<td>A B</td>
<td>1,000</td>
</tr>
<tr>
<td>7</td>
<td>XAP-07V-1</td>
<td>A B</td>
<td>1,000</td>
</tr>
<tr>
<td>8</td>
<td>XAP-08V-1</td>
<td>A B</td>
<td>1,000</td>
</tr>
<tr>
<td>9</td>
<td>XAP-09V-1</td>
<td>A B</td>
<td>1,000</td>
</tr>
<tr>
<td>10</td>
<td>XAP-10V-1</td>
<td>A B</td>
<td>1,000</td>
</tr>
<tr>
<td>11</td>
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<td>A B</td>
<td>1,000</td>
</tr>
<tr>
<td>12</td>
<td>XAP-12V-1</td>
<td>A B</td>
<td>1,000</td>
</tr>
<tr>
<td>13</td>
<td>XAP-13V-1</td>
<td>A B</td>
<td>1,000</td>
</tr>
<tr>
<td>14</td>
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</tr>
<tr>
<td>15</td>
<td>XAP-15V-1</td>
<td>A B</td>
<td>1,000</td>
</tr>
</tbody>
</table>

Material and Finish
PA 66, UL94V-0, natural (white)

RoHS2 compliance

For availability, delivery and minimum order quantity, contact JST.

ex. XAP-02V-1-oo
    (blank)...natural (white)
    K...black   R...red   E...blue   M...green   Y...yellow

Retainer

Material and Finish
Glass-filled PA 66, UL94V-0, natural (ivory)

RoHS2 compliance
**Shrouded header**

**Without a boss**

**With a boss**

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**Shrouded header on radial-tape**

**Without a boss**

**With a boss**

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**Taping specifications**

*Note: Conforms to JIC C0806 of "Tape packaging of components with unidirectional leads on continuous tapes".*
XA CONNECTOR (High box type)

Packaging specifications

<table>
<thead>
<tr>
<th>Package type</th>
<th>Flat pack (zigzag folded)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distance between folds</td>
<td>24 indexing holes per fold (304.8 mm)</td>
</tr>
<tr>
<td>Box size</td>
<td>314 (W) × 54 (D) × 314 (H) mm</td>
</tr>
<tr>
<td>Distance between the end of the tape and the first connector’s center line (either end)</td>
<td>19.05 mm</td>
</tr>
<tr>
<td>Quantity</td>
<td>2, 3 circuits 1,000 pcs./box</td>
</tr>
<tr>
<td></td>
<td>4 to 8 circuits 500 pcs./box</td>
</tr>
</tbody>
</table>

Note: Products of different packaging specifications are also available. Contact JST for details.