Features
■ 2.54 mm pitch & height
■ 2 to 6 precious metal contacts
■ End-to-end stackable
■ Twin hot contacts (symmetrical pad layout)
■ Pick & place compatible
■ High cycle life

■ RoHS compliant* - see processing information for RoHS compliant surface mount components
■ Halogen free**

Materials & Finishes
Insulator: Glass reinforced thermoplastic, UL 94V-0 rated, black
Contact: Copper alloy
Finish: Underplating: 30 µ" min. Ni, Contact Area: 30 µ" min. Au over Ni

Operating Characteristics
Electrical
Current Rating: 3 A/contact
Voltage Rating: 60 V
Contact Resistance: 30 mohms max.
Dielectric Voltage: AC 500 V
Insulating Resistance: 1000 Mohms min.
Operating Temperature: -55 °C to 125 °C

Mechanical
Durability: 50,000 cycles min.
Contact Resistance after 50,000 Cycles: 50 mΩ
MSL: 1
ESD Rating (HBM): 3B

How to Order
70AA J - 4  -  F  0  G
Model
Terminal Style
J = SMT
Number of Contacts (N)
2 through 6
Gender
F = Female
Options
0 = Standard
1 = Locating Pins
Packaging Option (MSL-1)
__ = Tube (240/N pcs. or 240 contacts per tube)
G = Embossed Tape (750 pcs. per reel)

WARNING Cancer and Reproductive Harm
www.P65Warnings.ca.gov

** Bourns considers a product to be "halogen free" if
(a) the Bromine (Br) content is 900 ppm or less;
(b) the Chlorine (Cl) content is 900 ppm or less; and
(c) the total Bromine (Br) and Chlorine (Cl) content is 1500 ppm or less.
Specifications are subject to change without notice.
Users should verify actual device performance in their specific applications.
The products described herein and this document are subject to specific legal disclaimers as set forth on the last page of this document, and at www.bourns.com/docs/legal/disclaimer.pdf.
Packaging Specifications

<table>
<thead>
<tr>
<th>No. of Contacts</th>
<th>Dimension A (mm)</th>
<th>Dimension B (mm)</th>
<th>Dimension C (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>5.23 (.206)</td>
<td>16.0 (.630)</td>
<td>7.5 (.295)</td>
</tr>
<tr>
<td>3</td>
<td>7.77 (.306)</td>
<td>16.0 (.630)</td>
<td>7.5 (.295)</td>
</tr>
<tr>
<td>4</td>
<td>10.31 (.406)</td>
<td>24.0 (.945)</td>
<td>11.5 (.453)</td>
</tr>
<tr>
<td>5</td>
<td>12.85 (.506)</td>
<td>24.0 (.945)</td>
<td>11.5 (.453)</td>
</tr>
<tr>
<td>6</td>
<td>15.39 (.606)</td>
<td>24.0 (.945)</td>
<td>11.5 (.453)</td>
</tr>
</tbody>
</table>

DIMENSIONS: MM (INCHES)

REV. 11/17

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