

Features

- 2.54 mm pitch & height
- 2 to 6 precious metal contacts
- End-to-end stackable
- Twin hot contacts (symmetrical pad layout)

70AA/Female - Modular Contact

Pick & place compatible

Product Dimensions

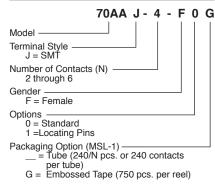
High cycle life

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

Materials & Finishes

| Materials & Finisnes | | |
|--|--|--|
| Insulator Glass reinforced thermoplastic, UL 94V-0 rated, black | | |
| ContactCopper alloy Finish | | |
| Underplating 30 μ" min. Ni Contact Area 30 μ" min. Au over Ni | | |
| Operating Characteristics | | |
| Electrical | | |
| Current Rating | | |
| Mechanical Durability | | |
| Contact Resistance after | | |
| 50,000 Cycles 50 mΩ MSL | | |
| ESD Rating (HBM) | | |
| | | |

How to Order



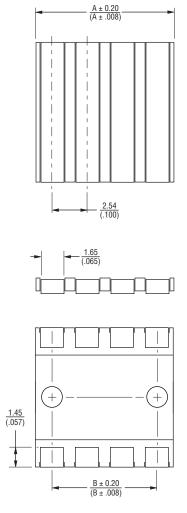


- * RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.
- ** Bourns considers a product to be "halogen free" if (a) the Bromine (Br) content is 900 ppm or less; (b) the Chlorine (Cl) content is 900 ppm or less; and (c) the total Bromine (Br) and Chlorine (Cl) content is 1500 ppm or less.

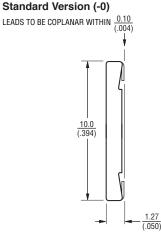
Specifications are subject to change without notice.

Users should verify actual device performance in their specific applications.

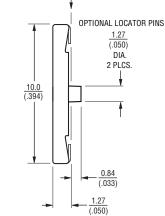
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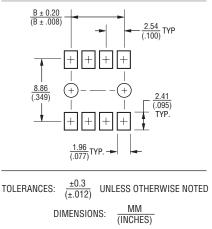
| Number of Contacts | Dimension A | Dimension B |
|-----------------------|------------------------|------------------------|
| 2 | 4.98 (.196) | <u>2.54</u> (.100) |
| 3 | 7.52 (.296) | <u>5.08</u> (.200) |
| 4 | <u>10.06</u> (.396) | 7.62 (.300) |
| 5 | <u>12.60</u> (.496) | <u>10.16</u> (.400) |
| 6 | <u>15.14</u> (.596) | <u>12.70</u> (.500) |



Locating Pins Version (-1) LEADS TO BE COPLANAR WITHIN 0.10 (.004)



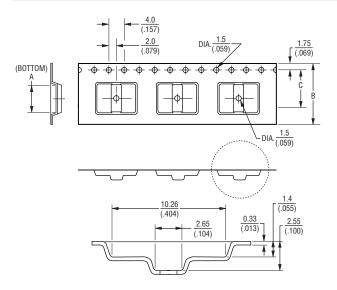
Recommended PWB Layout



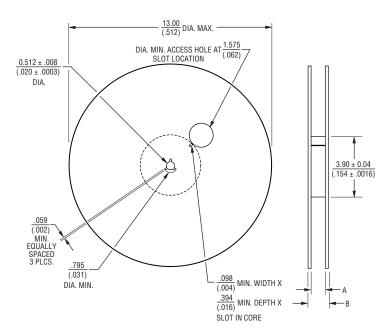
70AA/Female - Modular Contact

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Packaging Specifications



| No. of | Dimension | Dimension | Dimension |
|----------|--------------|-------------|-------------|
| Contacts | A | B | C |
| 2 | <u>5.23</u> | <u>16.0</u> | 7.5 |
| | (.206) | (.630) | (.295) |
| 3 | <u>7.77</u> | <u>16.0</u> | <u>7.5</u> |
| | (.306) | (.630) | (.295) |
| 4 | 10.31 | <u>24.0</u> | <u>11.5</u> |
| | (.406) | (.945) | (.453) |
| 5 | <u>12.85</u> | <u>24.0</u> | <u>11.5</u> |
| | (.506) | (.945) | (.453) |
| 6 | <u>15.39</u> | <u>24.0</u> | <u>11.5</u> |
| | (.606) | (.945) | (.453) |



| DIMENSIONS: | MM |
|-------------|----------|
| DIMENSIONS. | (INCHES) |

| No. of Contacts | Dimension A | Dimension B (Max.) |
|--------------------|-----------------------|------------------------|
| 2 | <u>.646</u> (.025) | <u>.882</u> (.035) |
| 3 | <u>.646</u> (.025) | <u>.882</u> (.035) |
| 4 | <u>.961</u> (.038) | <u>1.197</u> (.047) |
| 5 | <u>.961</u> (.038) | <u>1.197</u> (.047) |
| 6 | <u>.961</u> (.038) | <u>1.197</u> (.047) |

REV. 11/17

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