

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

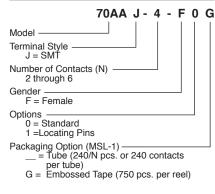
High cycle life

- 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



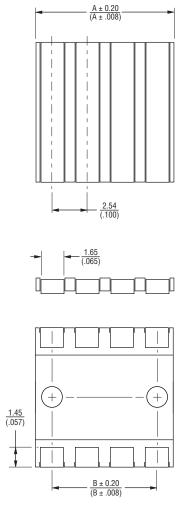


- * RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.
- ** Bourns considers a product to be "halogen free" if (a) the Bromine (Br) content is 900 ppm or less; (b) the Chlorine (Cl) content is 900 ppm or less; and (c) the total Bromine (Br) and Chlorine (Cl)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

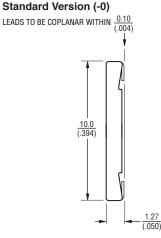
Specifications are subject to change without notice.

Users should verify actual device performance in their specific applications.

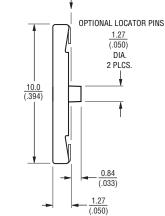
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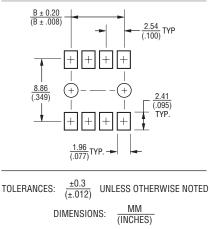
Number of Contacts	Dimension A	Dimension B
2	4.98 (.196)	<u>2.54</u> (.100)
3	7.52 (.296)	<u>5.08</u> (.200)
4	<u>10.06</u> (.396)	7.62 (.300)
5	<u>12.60</u> (.496)	<u>10.16</u> (.400)
6	<u>15.14</u> (.596)	<u>12.70</u> (.500)



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



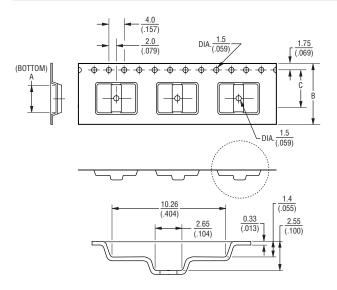
Recommended PWB Layout



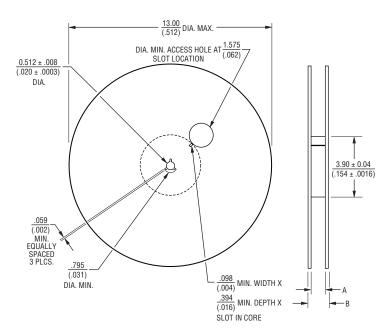
70AA/Female - Modular Contact

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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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