

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**

70AA/Female - Modular Contact

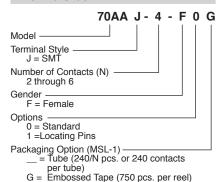
Materials & Finishes

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...... 3 A/contact Voltage Rating......60 V Contact Resistance...... 30 mohms max. Dielectric VoltageAC 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 m Ω MSL......1 ESD Rating (HBM)3B

How to Order

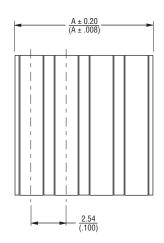


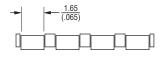
- RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.
- ** Bourns considers a product to be "halogen free" if (a) the Bromine (Br) content is 900 ppm or less; (b) the Chlorine (CI) content is 900 ppm or less; and (c) the total Bromine (Br) and Chlorine (CI)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

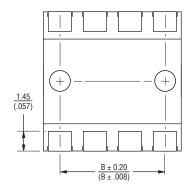
Specifications are subject to change without notice. Users should verify actual device performance in their

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Product Dimensions

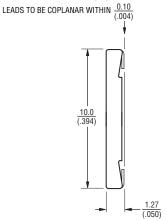




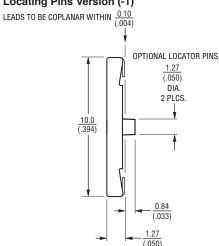


Number of	Dimension	Dimension
Contacts	Α	В
2	4.98	2.54
	(.196)	(.100)
3	7.52	5.08
	(.296)	(.200)
4	10.06	7.62
	(.396)	(.300)
5	12.60	10.16
	(.496)	(.400)
6	15.14	12.70
	(.596)	(.500)

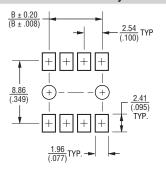
Standard Version (-0)



Locating Pins Version (-1)



Recommended PWB Layout



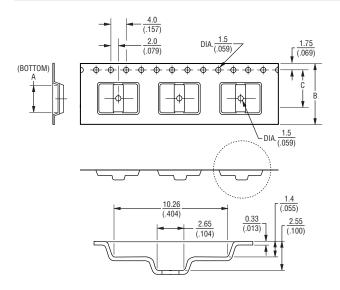
TOLERANCES: UNLESS OTHERWISE NOTED

DIMENSIONS: (INCHES)

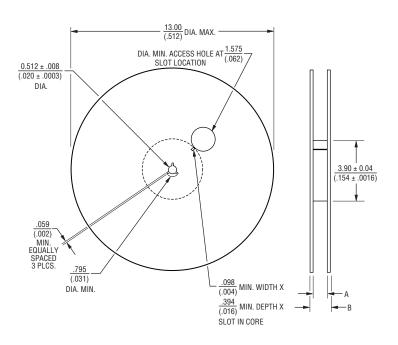
specific applications.

70AA/Female - Modular Contact

Packaging Specifications



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



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)	1.197 (.047)	
5	<u>.961</u> (.038)	1.197 (.047)	
6	<u>.961</u> (.038)	1.197 (.047)	

MM

(INCHES)

DIMENSIONS:

REV. 11/17

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