

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

Additional Information

Click these links for more information:





TECHNICAL

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70AA/Female - Modular Contact

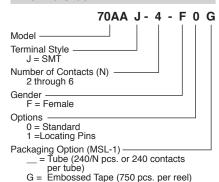
Materials & Finishes

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 Cycles50 m Ω MSL1 ESD Rating (HBM)3B

How to Order





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

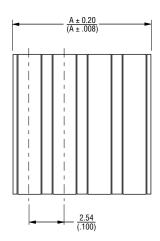
- RoHS Directive 2015/863, Mar 31, 2015 and Annex.
- ** Bourns considers a product to be "halogen free" if (a) the Bromine (Br) content is 900 ppm or less; (b) the Chlorine (CI) content is 900 ppm or less; and (c) the total Bromine (Br) and Chlorine (CI) content is 1500 ppm or less.

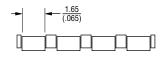
Specifications are subject to change without notice.

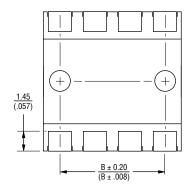
Users should verify actual device performance in their specific applications.

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Product Dimensions

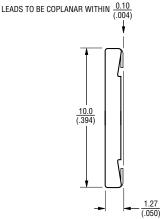




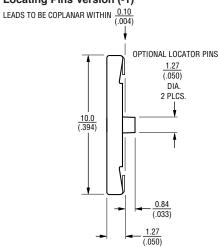


Number of	Dimension	Dimension
Contacts	Α	В
2	4.98	2.54
	(.196)	(.100)
3	7.52	5.08
	(.296)	(.200)
4	10.06	7.62
	(.396)	(.300)
5	12.60	10.16
	(.496)	(.400)
6	15.14	12.70
	(.596)	(.500)

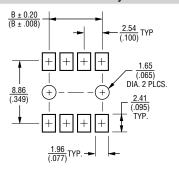
Standard Version (-0)



Locating Pins Version (-1)



Recommended PWB Layout



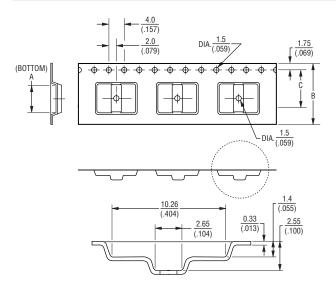
TOLERANCES: UNLESS OTHERWISE NOTED DIMENSIONS: (INCHES)

Features (Continued)

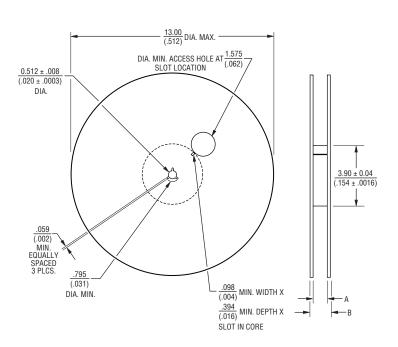
- RoHS compliant* see <u>processing information</u> for RoHS compliant surface mount components
- Halogen free**

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)



DIMENSIONS:	MM
	(INCHES)

No. of Contacts	Dimension A	Dimension B (Max.)
2	.646 (.025)	.882 (.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)

REV. 09/21

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