

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**

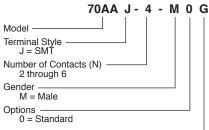
70AA/Male - Modular Contact

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

Contact Area 50 µ min. Au over Nr
Operating Characteristics
Electrical Current Rating
Contact Resistance 25 mohms max. Dielectric VoltageAC 500 V Insulating Resistance 1000 Mohms min.
Operating Temperature55 °C to 125 °C Mechanical
Vibration
Shock
Durability 50,000 cycles min. Contact Resistance after
50,000 Cycles
Lob Hamiy (Hom)

How to Order



Packaging Option (MSL-1)

__ = Tube G = Embossed Tape (750 pcs. per reel)



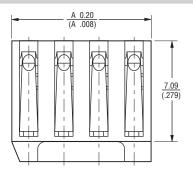
WARNING Cancer and Reproductive Harm www.P65Warnings.ca.gov

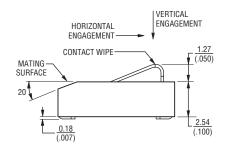
- * RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.
- ** Bourns considers a product to be "halogen free" if (a) the Bromine (Br) content is 900 ppm or less; (b) the Chlorine (Cl) content is 900 ppm or less; and (c) the total Bromine (Br) and Chlorine (Cl)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

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

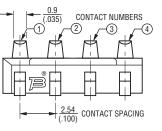
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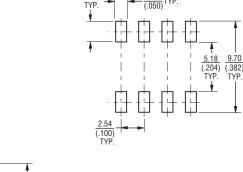
Product Dimensions

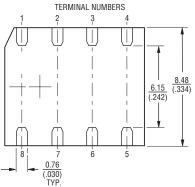




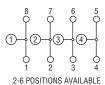
Recommended PWB Layout







Electrical Schematic

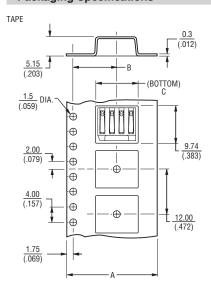


TOLERANCES: $\frac{\pm 0.3}{(\pm .012)}$ UNLESS OTHERWISE NOTED DIMENSIONS: $\frac{MM}{(\text{INCHES})}$

Number of Contacts	Dimension A		
2	<u>5.00</u> (.197)		
3	7.54 (.297)		
4	10.20 (.397)		
5	12.62 (.497)		
6	15.16 (.597)		

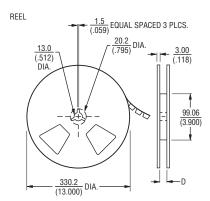
70AA/Male - Modular Contact

Packaging Specifications



No. of	Dimension	Dimension	Dimension	Dimension
Contacts	A	B	C	D
2	16.0	7.5	5.32	16.4
	(.630)	(.296)	(.209)	(.646)
3	16.0	7.5	7.82	16.4
	(.630)	(.296)	(.308)	(.646)
4	24.0	11.5	10.4	24.4
	(.945)	(.453)	(.409)	(.961)
5	24.0	11.5	12.95	24.4
	(.945)	(.453)	(.510)	(.961)
6	<u>24.0</u>	11.5	15.5	24.4
	(.945)	(.453)	(.610)	(.961)

MM DIMENSIONS: (INCHES)



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