

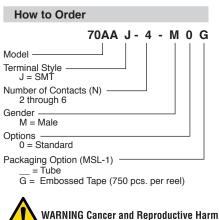
### Features

- 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

## 70AA/Male - Modular Contact

#### Materials & Finishes

Insulator Glass reinforced thermoplastic, UL 94V-0 rated, black
ContactCopper alloy Finish
Underplating
Operating Characteristics
Electrical Current Rating
Mechanical
Vibration
0.06 inches D.A. Shock
Durability 50,000 cycles min.
Contact Resistance after 50,000 Cycles



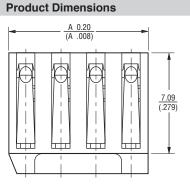
## www.P65Warnings.ca.gov

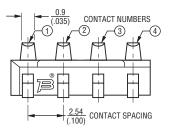
- \* RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.
- \* Bourns considers a product to be "halogen free" if (a) the Bromine (Br) content is 900 ppm or less; (b) the Chlorine (CI) content is 900 ppm or less; and
- (b) the Chlorine (Cl) content is 900 ppm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

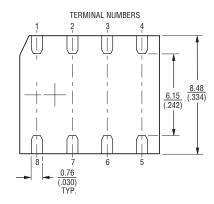
Specifications are subject to change without notice.

Users should verify actual device performance in their specific applications.

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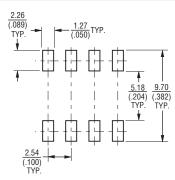
Number of Contacts	Dimension A	
2	<u>5.00</u> (.197)	
3	7.54 (.297)	
4	<u>10.20</u> (.397)	
5	<u>12.62</u> (.497)	
6	<u>15.16</u> (.597)	

#### RoHS compliant\* - see processing information for RoHS compliant surface mount components

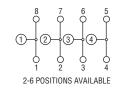
Halogen free\*\*

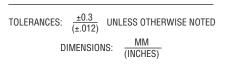
HORIZONTAL ENGAGEMENT CONTACT WIPE 20 URFACE 20 UNTACT WIPE 20 UNT

#### **Recommended PWB Layout**



#### **Electrical Schematic**

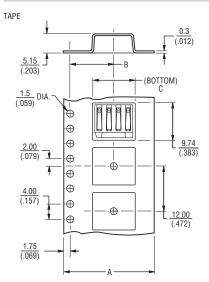




# 70AA/Male - Modular Contact

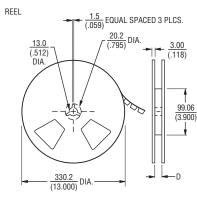
## BOURNS®

#### **Packaging Specifications**



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

DIMENSIONS:  $\frac{MM}{(INCHES)}$ 



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