

### Features

- 4 mm pitch
- Low profile
- Rugged design
- Vertical or horizontal entry
- RoHS compliant\* see <u>processing</u> <u>information</u> on RoHS compliant surface mount components

# 70AD/Male – Modular Contact

### Product Dimensions



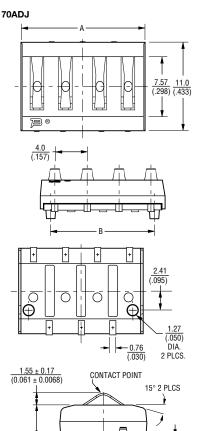
### **Materials & Finishes**

**Additional Information** 

InsulatorGlass reinforced thermoplastic, UL 94V-0 rated, black
ContactCopper alloy
Finish
Underplating 30 μ″ min. Ni
Contact Area 30 µ" min. Au over Ni
TerminationTin alloy
(meets MIL-STD-202, method 208)
Operating Characteristics
Electrical
Current RatingDC 3 A/contact

	х.
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Number of Contacts	Dimension A	Dimension B
2	<u>7.82</u> (.308)	<u>5.11</u> (.201)
3	<u>11.82</u> (.466)	<u>9.11</u> (.359)
4	<u>15.82</u> (.623)	<u>13.11</u> (.516)
5	<u>19.82</u> (.781)	<u>17.11</u> (.674)
6	<u>23.83</u> (.938)	<u>21.11</u> (.831)



5.6

RECOMMENDED PWB MOUNTING PATTERN

 $\frac{11.2}{(.441)}$ 

+

+

DIMENSIONS:

TOLERANCES:  $\pm \frac{0.3}{(.012)}$ 

4.0

(.157) NON-ACCUM

+

MM (INCHES)

EXCEPT WHERE NOTED

4.0 (.157)

2.55

 $\begin{array}{c} 9.63\\ \hline (.379)\\ 1\\ \hline (.285)\\ 1\\ \end{array}$ 

A

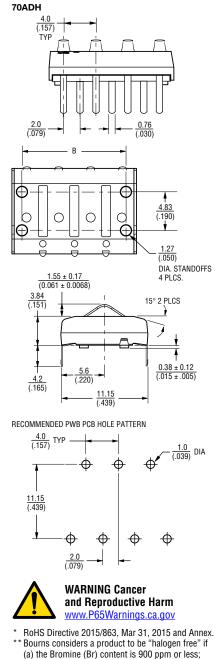
<u>0.84</u> (0.033)

 $rac{1.57}{(.062)}$  DIA

2.80 (.110)

/ THRU 2 PLCS OPTIONAL





(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.

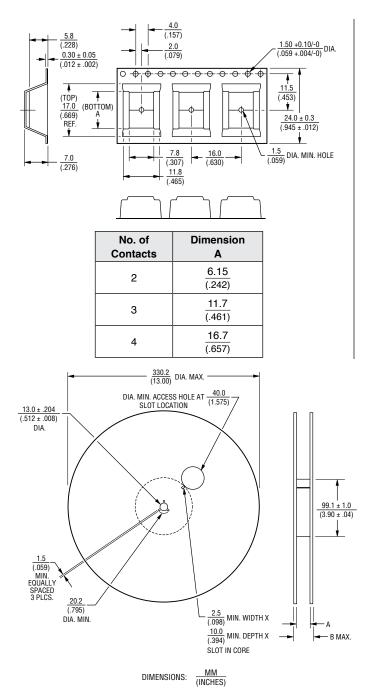
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- High cycle life 50,000 cycles
- Halogen free\*\*

## 70AD/Male – Modular Contact

## BOURNS®

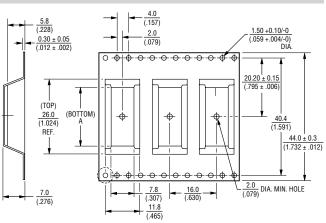
#### **Packaging Specifications**



#### REV. 02/24

Specifications are subject to change without notice.

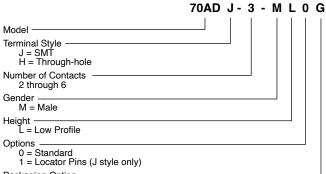
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No. of	Dimension	
Contacts	Α	
5	<u>19.4</u> (.764)	
6	<u>25.5</u> (1.004)	

No. of Contacts	Dimension A	Dimension B (Max.)
2	<u>24.41</u> (.961)	<u>30.40</u> (1.197)
3	<u>24.41</u> (.961)	<u>30.40</u> (1.197)
4	<u>24.41</u> (.961)	<u>30.40</u> (1.197)
5	<u>44.83</u> (1.765)	<u>50.30</u> (1.98)
6	<u>44.83</u> (1.765)	<u>50.30</u> (1.98)

#### How to Order



Packaging Option \_\_\_\_\_ = Tube (120/N pcs. or 120 contacts per tube)

G = Embossed Tape (500 pcs. per reel)

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