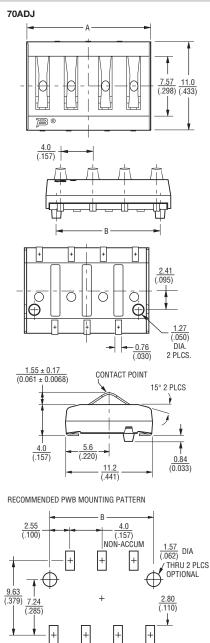


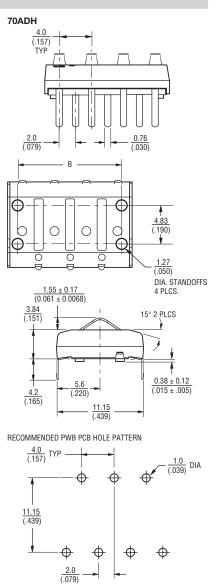
Features

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

70AD/Male - Modular Contact

Product Dimensions





Halogen free**

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 (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

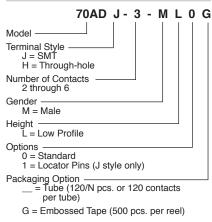
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docs/

Materials & Finishes

InsulatorGlass reinforced thermoplastic, UL 94V-0 rated, black ContactCopper alloy Finish		
Underplating30 μ" min. Ni Contact Area30 μ" min. Au over Ni TerminationTin alloy (meets MIL-STD-202, method 208)		
Operating Characteristics		
Electrical Current RatingDC 3 A/contact Voltage RatingDC 30 V		
Contact Resistance25 mΩ max. Dielectric VoltageAC 500 V		
Insulating Resistance 500 MΩ min. Operating Temperature 		
Mechanical		
Vibration 10-55 Hz, 0.06 inches D.A. Shock50 G, 11 ms		
Normal Force 100 grams min. at a working height of		
0.51 mm (0.020 in.)		
Durability 50,000 cycles min.		
Contact Resistance after		
50,000 Cycles50 mΩ MSL		

How to Order



ESD Rating (HBM)3B

Number of	Dimension	Dimension
Contacts	Α	В
2	7.82	5.11
	(.308)	(.201)
3	11.82	9.11
5	(.466)	(.359)
4	15.82	13.11
4	(.623)	(.516)
5	19.82	17.11
	(.781)	(.674)
6	23.83	21.11
	(.938)	(.831)



±0.3

(±.012)

TOLERANCES:

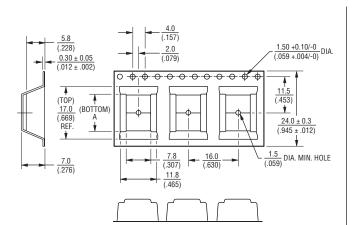
1.27

UNLESS OTHERWISE NOTED

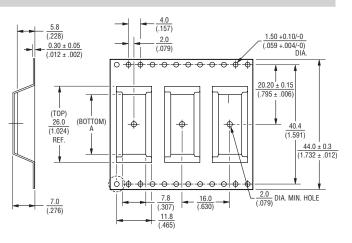
70AD/Male - Modular Contact

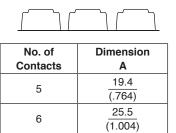
BOURNS

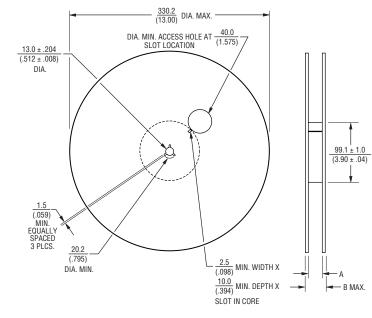
Packaging Specifications



No. of Contacts	Dimension A
2	<u>6.15</u> (.242)
3	<u>11.7</u> (.461)
4	<u>16.7</u> (.657)







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)

DIMENSIONS: MM (INCHES)

REV. 03/20

Specifications are subject to change without notice.

Users should verify actual device performance in their specific applications.

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