

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

Materials & Finishes

Insulatorthermoplastic, U	Glass reinforced UL 94V-0 rated, black
Contact	Copper alloy
Finish	
Underplating	30 μ" min. Ni
Contact Area	30 μ" min. Au over Ni
Termination	Tin alloy
(meets MIL-S	TD-202, method 208)

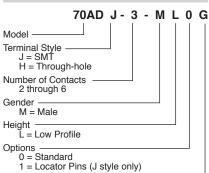
Operating Characteristics

Electric	al		
Curre	ent Rating		DC 3 A/contact
Volta	ge Rating		DC 30 V
Cont	act Resist	ance	25 mΩ max.
Diele	ctric Volta	age	AC 500 V
Insul	ating Res	istance	500 MΩ min.
Oper	ating Tem	perature	
			55 °C to 125 °C
Mecha	nical		
\/ibro	tion 1	0 EE U-	0.06 inches D.A

lecnanical	
Vibration10-5	5 Hz, 0.06 inches D.A.
Shock	50 G, 11 ms
Normal Force	100 grams min.
	at a working height of
	0.51 mm (0.020 in.)
Durability	50,000 cycles min.
ontact Resistance	after

Contact Resistance after	
50,000 Cycles	50 mΩ
MSL	1
ESD Rating (HBM)	3B

How to Order



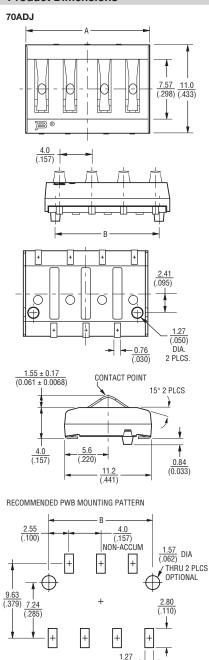
Packaging Option — = Tube (120/N pcs. or 120 contacts

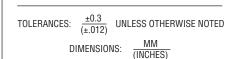
per tube)

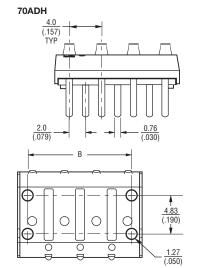
G = Embossed Tape (500 pcs. per reel)

Number of	Dimension	Dimension
Contacts	Α	В
2	7.82	5.11
	(.308)	(.201)
3	11.82	9.11
3	(.466)	(.359)
4	15.82	13.11
4	(.623)	(.516)
5	19.82	17.11
5	(.781)	(.674)
6	23.83	21.11
0	(.938)	(.831)

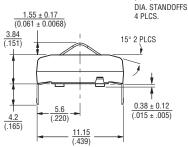
Product Dimensions



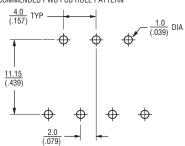




■ Halogen free**



RECOMMENDED PWB PCB HOLE PATTERN





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;

is 1500 ppm or less.

Specifications are subject to change without notice.

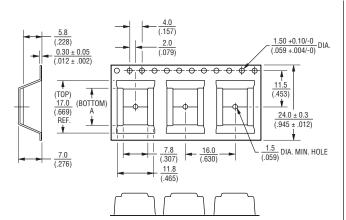
Users should verify actual device performance in their specific applications.

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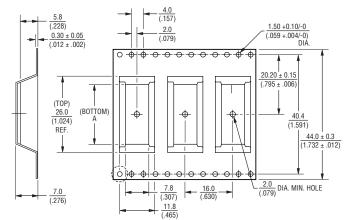
70AD/Male - Modular Contact

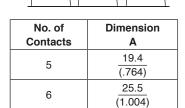
BOURNS

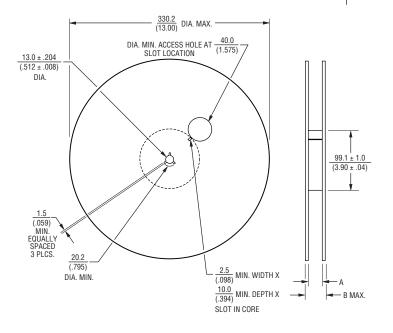
Packaging Specifications



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







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

MM DIMENSIONS: (INCHES)

REV. 03/20

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