

Features

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

■ Halogen free**

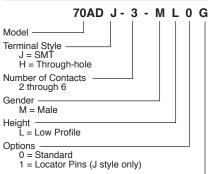
70AD/Male - Modular Contact

Materials & Finishes

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

(meets MiL-S	1D-202, method 208)		
Operating Characteristics			
Electrical			
Voltage Rating Contact Resistance Dielectric Voltage	DC 3 A/contactDC 30 V25 mΩ maxAC 500 V te500 MΩ min.		
Operating Temperat			
	55 °C to 125 °C		
Mechanical			
	Hz, 0.06 inches D.A. 50 G, 11 ms		
	100 grams min.		
6	at a working height of 0.51 mm (0.020 in.)		
Durability	50,000 cycles min.		
Contact Resistance af			
	50 mΩ		
MSL	1		

How to Order



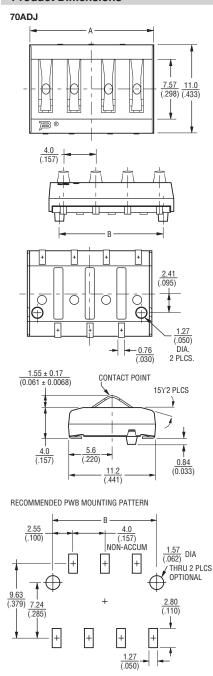
ESD Rating (HBM)3B

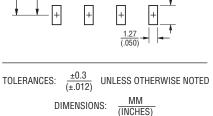
Packaging Option ____ = Tube (120/N pcs. or 120 contacts

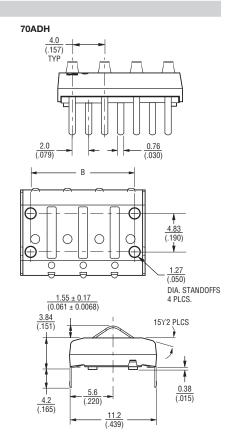
per tube) G = Embossed Tape (500 pcs. per reel)

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

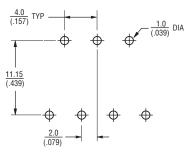
Product Dimensions











- * 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.

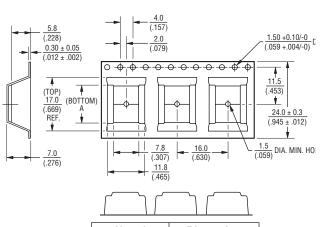
Users should verify actual device performance in their specific applications.

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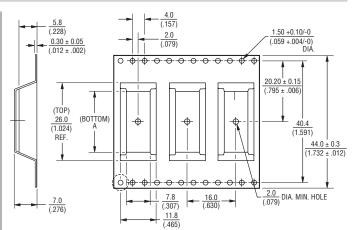
70AD/Male - Modular Contact

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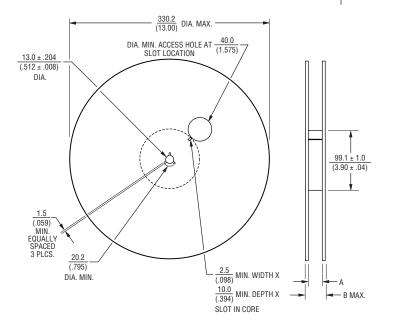
Packaging Specifications



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



No. of	Dimension
Contacts	Α
5	19.4
	(.764)
6	25.5
	(1.004)



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)	<u>50.30</u> (1.98)
6	44.83 (1.765)	50.30 (1.98)

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

REV. 11/17

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