

Features

- 1.27 mm pitch
- Precious metal contacts
- Twin hot contacts (symmetrical pad layout)
- Pick & place compatible

Product Dimensions

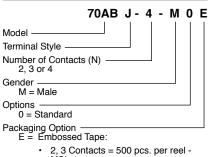
High cycle life

70AB/Male - Modular Contact

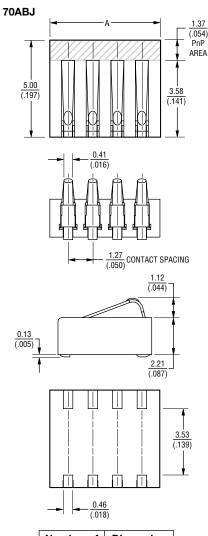
Materials & Finishes

Insulator Glass reinforced thermoplastic, UL 94V-0 rated, black
ContactCopper alloy Finish
Underplating
Operating Characteristics
Electrical Current Rating
55 °C to +125 °C Mechanical Normal Force/Finger 40 grams min.
Durability
50,000 Cycles
MSL

How to Order



- 2, 3 Contacts = 500 pcs. per reel -MSL-1
- 4 Contacts = 1000 pcs. per reel -MSL-1



Number of Contacts	Dimension A		
2	<u>3.12</u> (.123)		
3	<u>4.39</u> (.173)		
4	<u>5.66</u> (.223)		

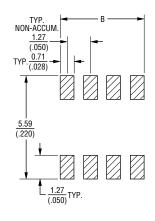
Recommended PWB Layout

RoHS compliant* - see processing

contacts

■ Halogen free**

information on RoHS compliant modular



Number of Contacts	Dimension B		
2	<u>1.98</u> (.078)		
3	<u>3.25</u> (.128)		
4	<u>4.52</u> (.178)		

TOLERANCES: $\frac{\pm 0.25}{(\pm.010)}$ UNLESS OTHERWISE NOTED DIMENSIONS: $\frac{MM}{(INCHES)}$

WARNING Cancer and Reproductive Harm - <u>www.P65Warnings.ca.gov</u>

*RoHS Directive 2015/863, Mar 31, 2015 and Annex.

** 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.

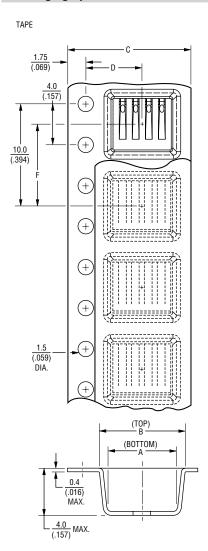
Users should verify actual device performance in their specific applications.

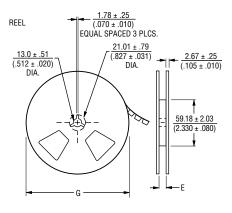
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70AB/Male - Modular Contact

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Packaging Specifications





No. of Contacts	Dim. A	Dim. B	Dim. C	Dim. D	Dim. E	Dim. F	Dim. G
2	<u>3.2</u> (.126)	<u>4.94</u> (.194)	<u>12.0</u> (.472)	<u>5.5</u> (.217)	<u>12.4</u> (.488)	<u>8.0</u> (.315)	$\frac{178 \pm 2.0}{(7.008 \pm .079)}$
3	<u>4.77</u> (.188)	<u>6.22</u> (.245)	<u>12.0</u> (.472)	<u>5.5</u> (.217)	<u>12.4</u> (.488)	<u>8.0</u> (.315)	$\frac{178 \pm 2.0}{(7.008 \pm .079)}$
4	<u>6.04</u> (.238)	<u>7.50</u> (.295)	<u>16.0</u> (.630)	<u>7.5</u> (.295)	<u>16.0</u> (.630)	<u>12.0</u> (.472)	$\frac{330.2 \pm 2.0}{(13.0 \pm .079)}$

TOLERANCES: $.XX = \frac{\pm 0.5}{(\pm .020)}$ $.XXX = \frac{\pm 0.12}{(\pm .020)}$

 $\frac{\pm 0.5}{(\pm .020)}$ UNLESS OTHERWISE NOTED

 $\frac{\pm 0.127}{(\pm 0.05)}$ UNLESS OTHERWISE NOTED

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

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Users should verify actual device performance in their specific applications.

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