

Features

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

70AB/Female - Modular Contact

High cycle life

- RoHS compliant* see processing information on RoHS compliant modular contacts
- Halogen free**

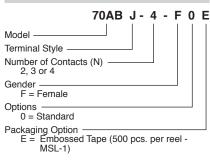
4.19 (.165)

	Materials	& F	inis	hes
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Insulator Glass reinforced thermoplastic, UL 94V-0 rated, black		
ContactCopper alloy		
Finish		
Underplating 30 μ" min. Ni		
Contact Area 30 µ" min. Au over Ni		
Operating Characteristics		
Electrical		
Current Rating 3 A/contact		
Voltage Rating60 V		
Contact Resistance 25 milliohms max.		
Dielectric VoltageAC 500 V		
Insulating Resistance 1000 Mohms min.		
Operating Temperature		
Mechanical		
Durability 50,000 cycles min.		
Contact Resistance after		
50,000 Cyclos 50 mO		

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

How to Order

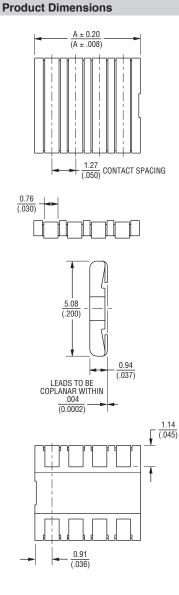




- RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.
- * Bourns considers a product to be "halogen free" if
- (a) the Bromine (Br) content is 900 ppm or less; (b) the Chlorine (Cl) content is 900 ppm or less; and (c) the total Bromine (Br) and Chlorine (Cl) content
- is 1500 ppm or less.

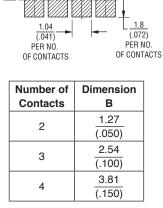
Specifications are subject to change without notice. Users should verify actual device performance in their specific applications.

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1.27 (.050)PER NO. OF CONTACTS

Recommended PWB Layout



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

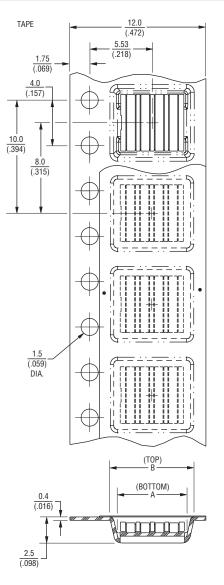
Number of Contacts	Dimension A
2	<u>3.05</u> (.120)
3	4.32 (.170)
4	<u>5.59</u> (.220)

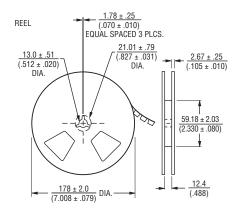
Applications

- Handheld communications mobile phones, pagers, cordless phones, GPS, PICs, radios
- Portable consumer equipment PDAs, HPCs, notebook PCs, cameras, dictaphones, PICs, games

70AB/Female - Modular Contact

Packaging Specifications





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No. of Contacts	Dimension A	Dimension B (Max.)
2	<u>3.54</u> (.139)	<u>4.88</u> (.192)
3	4.82 (.190)	<u>6.16</u> (.243)
4	<u>6.10</u> (.240)	<u>7.44</u> (.293)

REV. 11/17

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