

Features

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

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

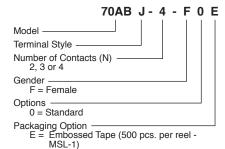
70AB/Female - Modular Contact

Materials & Finishes

Operating Characteristics

Operating offaracteristics		
Electrical Current Rating3 A/contact Voltage Rating		
Contact Resistance25 milliohms max. Dielectric VoltageAC 500 V		
Insulating Resistance 1000 Mohms min. Operating Temperature		
55 °C to +125 °C Mechanical		
Durability50,000 cycles min. Contact Resistance after		
50,000 Cycles 50 mΩ MSL1		
ESD Rating (HBM)3B		

How to Order



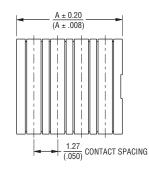
WARNING Cancer and Reproductive Harm www.P65Warnings.ca.gov

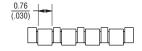
- * RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.
- ** Bourns considers a product to be "halogen free" if (a) the Bromine (Br) content is 900 ppm or less; (b) the Chlorine (Cl) content is 900 ppm or less; and (c) the total Bromine (Br) and Chlorine (Cl)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

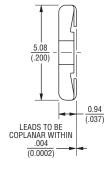
Specifications are subject to change without notice. Users should verify actual device performance in their specific applications.

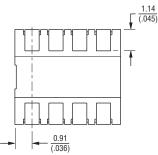
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Product Dimensions



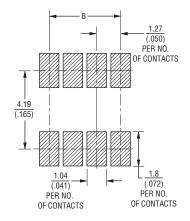






Number of Contacts	Dimension A
2	3.05 (.120)
3	4.32 (.170)
4	<u>5.59</u> (.220)

Recommended PWB Layout



Number of Contacts	Dimension B
2	1.27
	(.050)
3	2.54
	(.100)
4	3.81
	(.150)

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

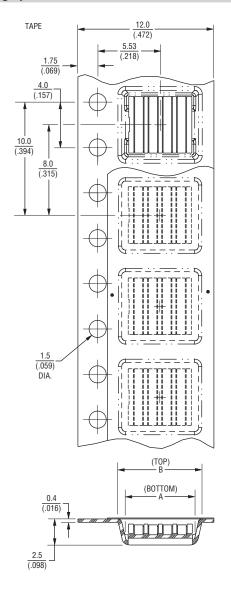
Applications

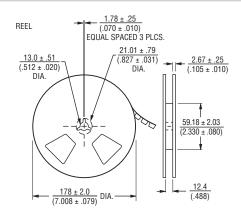
- Handheld communications mobile phones, pagers, cordless phones, GPS, PICs, radios
- Portable consumer equipment PDAs, HPCs, notebook PCs, cameras, dictaphones, PICs, games

70AB/Female - Modular Contact

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Packaging Specifications





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

TOLERANCES: .XX = $\frac{\pm 0.5}{(\pm .020)}$ UNLESS OTHERWISE NOTED .XXX = $\frac{\pm 0.127}{(\pm .005)}$ UNLESS OTHERWISE NOTED

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

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