



Features

- 2.54 mm pitch & height
- 2 to 6 precious metal contacts
- End-to-end stackable
- Twin hot contacts (symmetrical pad layout)
- Pick & place compatible
- High cycle life

- RoHS compliant*

70AA/Female - Modular Contact

Materials & Finishes

InsulatorGlass reinforced thermoplastic,
UL 94V-0 rated, black
ContactCopper alloy
Finish
Underplating30 μ " - 60 μ " nickel
Contact Area.....30 μ " Au over nickel

Operating Characteristics

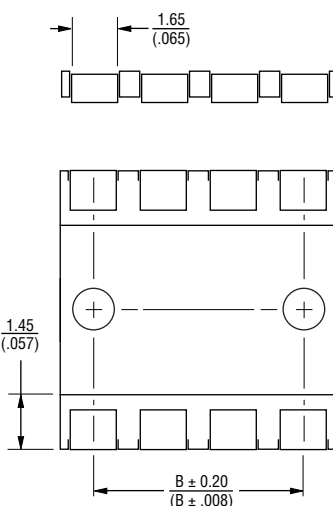
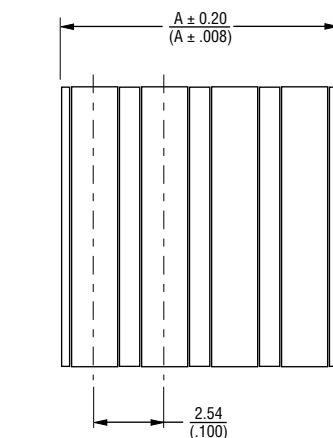
Electrical
Current Rating3 A/contact
Voltage Rating.....60 V
Contact Resistance.....30 mohms max.
Dielectric VoltageAC 500 V
Insulating Resistance...1000 Mohms min.
Operating Temperature...-55 °C to 125 °C
Mechanical
Durability10,000 cycles min.

How to Order

70AA J - 4 - F 0 G

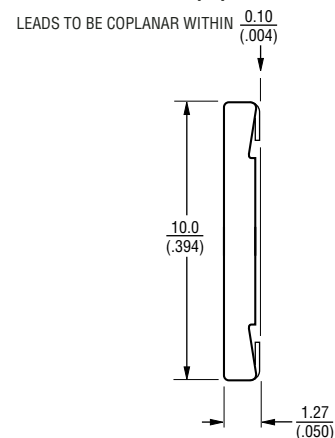
Model _____
Terminal Style _____
J = SMT
Number of Contacts (N) _____
2 through 6
Gender _____
F = Female
Options _____
0 = Standard
1 = Locating Pins
Packaging Option _____
— = Tube (240/N pcs. or 240 contacts per tube)
G = Embossed Tape (750 pcs. per reel)

Product Dimensions

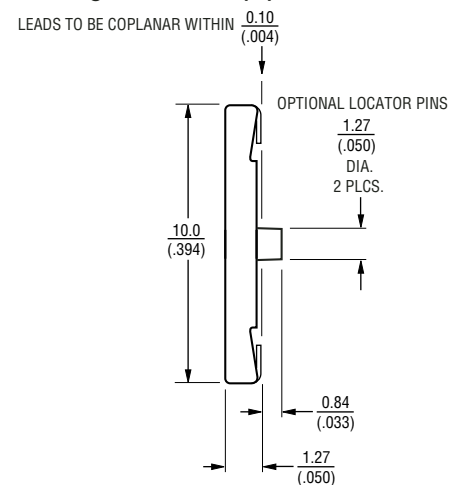


Number of Contacts	Dimension A	Dimension B
2	$\frac{4.98}{(.196)}$	$\frac{2.54}{(.100)}$
3	$\frac{7.52}{(.296)}$	$\frac{5.08}{(.200)}$
4	$\frac{10.06}{(.396)}$	$\frac{7.62}{(.300)}$
5	$\frac{12.60}{(.496)}$	$\frac{10.16}{(.400)}$
6	$\frac{15.14}{(.596)}$	$\frac{12.70}{(.500)}$

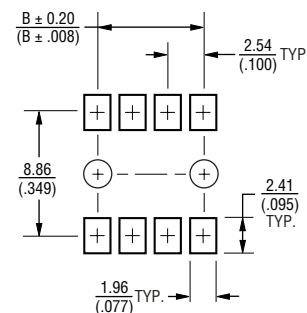
Standard Version (-0)



Locating Pins Version (-1)



Recommended PWB Layout



*RoHS Directive 2002/95/EC Jan 27 2003 including Annex.
Specifications are subject to change without notice.
Customers should verify actual device performance in their specific applications.

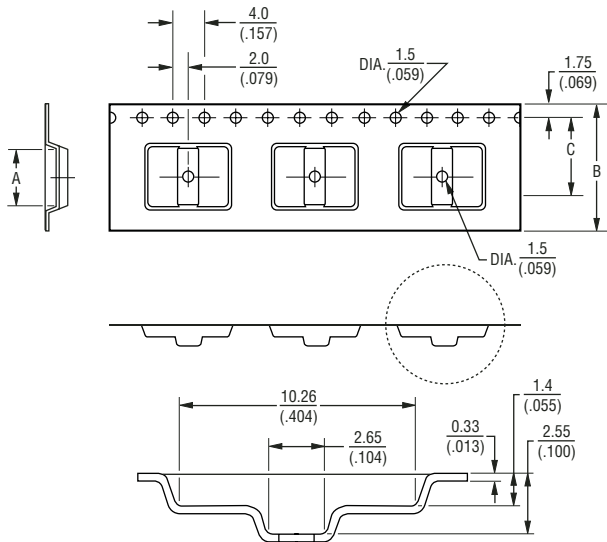
TOLERANCES: $\frac{0.3}{(.012)}$ UNLESS OTHERWISE NOTED

DIMENSIONS ARE: $\frac{\text{MILLIMETERS}}{(\text{INCHES})}$

70AA/Female - Modular Contact

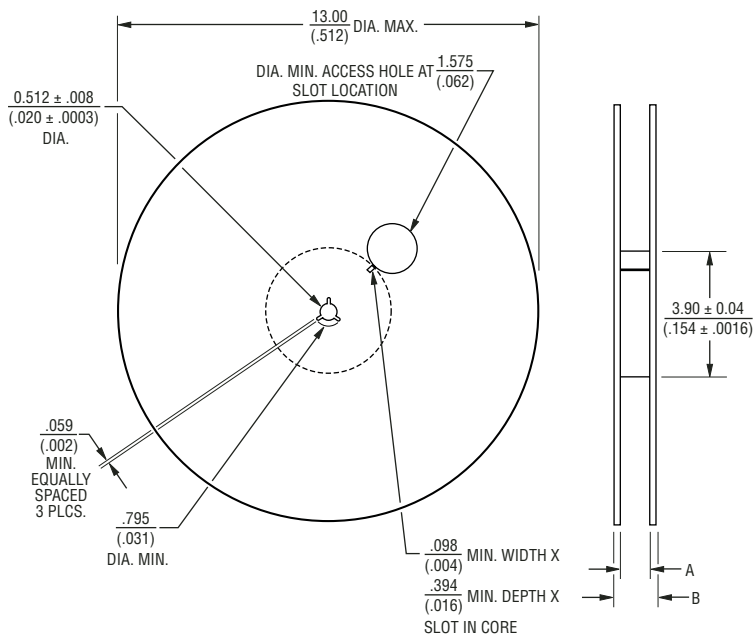
BOURNS®

Packaging Specifications



No. of Contacts	Dimension A	Dimension B	Dimension C
2	5.23 (.206)	16.0 (.630)	7.5 (.295)
3	7.77 (.306)	16.0 (.630)	7.5 (.295)
4	10.31 (.406)	24.0 (.945)	11.5 (.453)
5	12.85 (.506)	24.0 (.945)	11.5 (.453)
6	15.39 (.606)	24.0 (.945)	11.5 (.453)

DIMENSIONS ARE: $\frac{\text{MILLIMETERS}}{\text{(INCHES)}}$



No. of Contacts	Dimension A	Dimension B (Max.)
2	.646 (.025)	.882 (.035)
3	.646 (.025)	.882 (.035)
4	.961 (.038)	1.197 (.047)
5	.961 (.038)	1.197 (.047)
6	.961 (.038)	1.197 (.047)

REV. 02/07

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