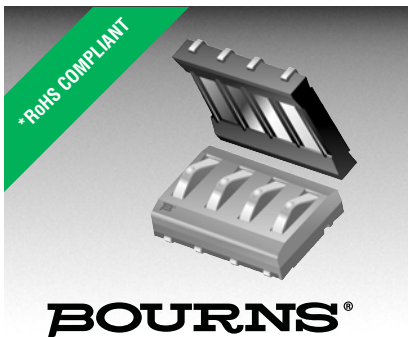




Features

- Rechargeable battery-pack applications
- Precious metal contacts
- Tape & reel available
- RoHS compliant* - see [processing information](#) on lead free modular contacts

70AD/Female - Modular Contact

Materials & Finishes

Insulator Glass reinforced thermoplastic,
UL 94V-0 rated, black
Contact..... Copper alloy
Finish
Underplating Nickel
Contact Area Gold
Termination..... Tin alloy
(meets MIL-STD-202, method 208)

Operating Characteristics

Electrical
Current Rating..... DC 3 A/contact
Voltage Rating DC 30 V
Contact Resistance..... 25 mW max.
Dielectric Voltage AC 500 V
Insulating Resistance..... 500 MW min.
Operating Temperature
..... -55 °C to 125 °C
Mechanical
Durability 5,000 cycles

How to Order

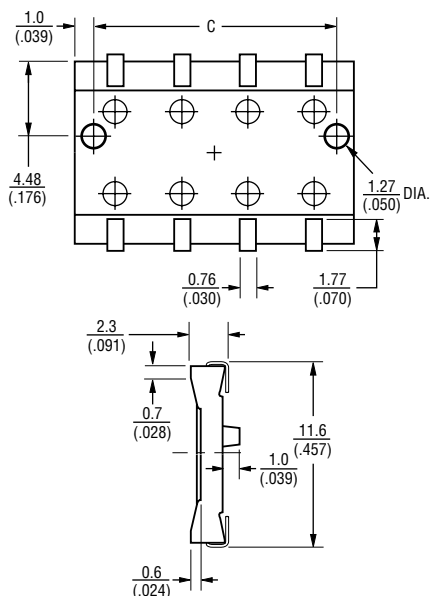
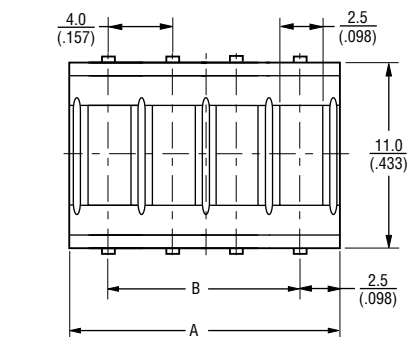
70AD J - 3 - F L 0 G

Model _____
Terminal Style _____
J = SMT
H = Through-hole
Number of Contacts _____
2 through 6
Gender _____
F = Female
Height _____
L = Low Profile
Options _____
0 = Standard
1 = Locator Pins (J style only)
Packaging Option _____
— = Tube (240/N pcs. or 240 contacts
per tube)
G = Embossed Tape (500 pcs. per reel)

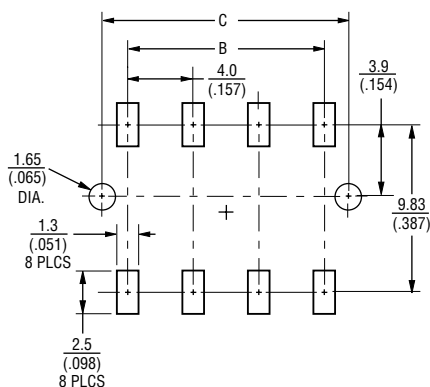
Number of Contacts	Dim. A	Dim. B	Dim. C
2	9.0 (.354)	4.0 (.157)	7.0 (.276)
3	13.0 (.512)	8.0 (.315)	11.0 (.433)
4	17.0 (.669)	12.0 (.472)	15.0 (.591)
5	21.0 (.827)	16.0 (.630)	19.0 (.748)
6	25.0 (.984)	20.0 (.787)	23.0 (.906)

Product Dimensions

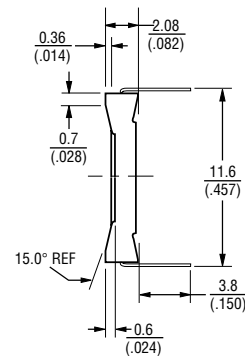
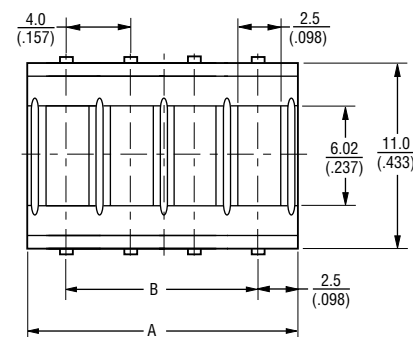
70ADJ



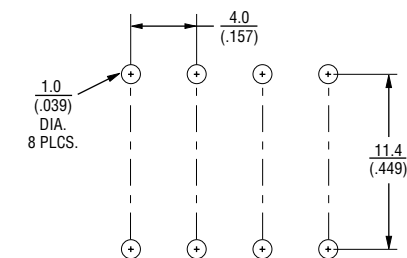
70ADJ RECOMMENDED PWB MOUNTING PATTERN



70ADH



70ADH RECOMMENDED PWB MOUNTING PATTERN



TOLERANCES: 0.3
(.012) UNLESS OTHERWISE NOTED

DIMENSIONS: MM
(INCHES)

*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.

BOURNS®

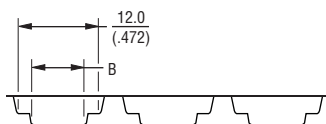
Technical drawing of a 3-hole punch plate. The drawing includes a side view on the left and a top view on the right. Dimensions are provided in inches and millimeters.

Side View Dimensions:

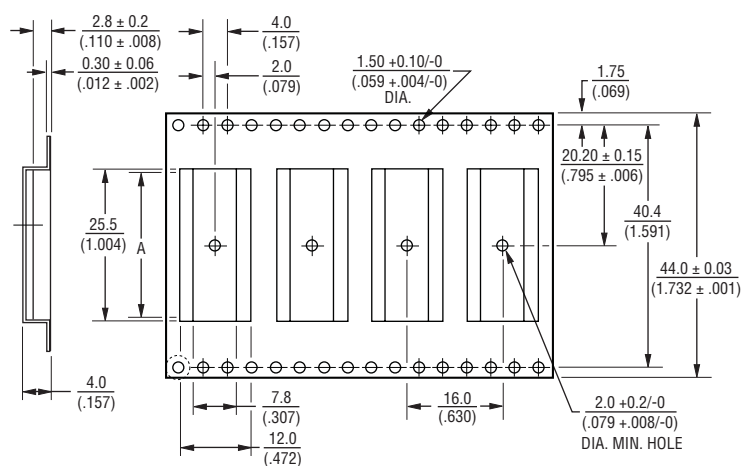
- Top flange thickness: 2.6 ± 0.2 (.102 $\pm$.008)
- Bottom flange thickness: 0.30 ± 0.06 (.012 $\pm$.002)
- Overall height: A
- Bottom flange width: 4.0 (.157)

Top View Dimensions:

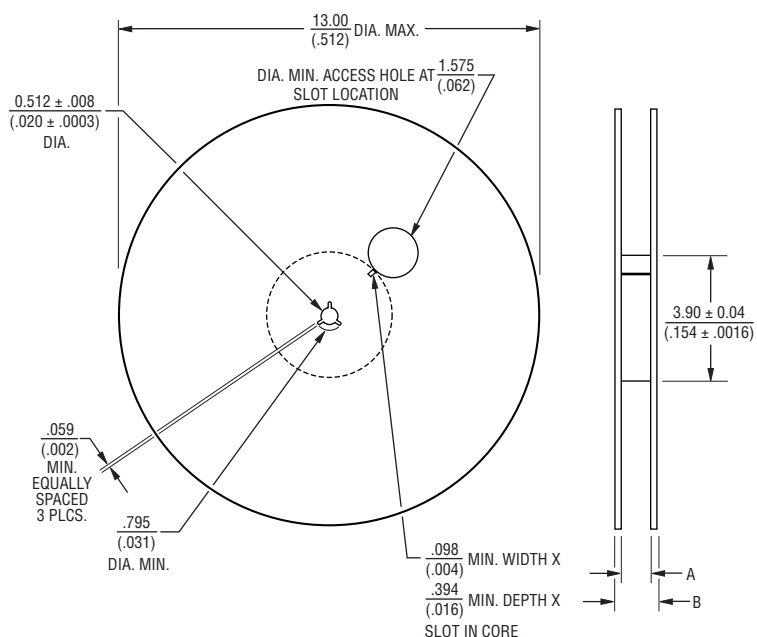
- Overall width: 4.0 (.157)
- Distance from left edge to center of first hole: 2.0 (.079)
- Distance between centers of adjacent holes: 16.0 (.630)
- Distance from right edge to center of last hole: 1.50 $+0.10/-0$ (.059 $+0.004/-0$)
- Hole diameter: DIA. 1.50 $+0.10/-0$ (.059 $+0.004/-0$)
- Distance from top edge to center of holes: 11.5 (.453)
- Distance from bottom edge to center of holes: 24.0 ± 0.3 (.945 $\pm$.012)
- Bottom flange thickness: 1.75 (.069)
- Bottom flange width: 1.5 $+0.7/-0$ (.059 $+0.028/-0$) DIA. MIN. HOLE



No. of Contacts	Dimension A	Dimension B
2	$\frac{9.5}{(.374)}$	$\frac{8.3 \pm 0.2}{(.327 \pm .008)}$
3	$\frac{13.5}{(.531)}$	$\frac{8.3 \pm 0.2}{(.327 \pm .008)}$
4	$\frac{17.5}{(.689)}$	$\frac{7.8}{(.307)}$



No. of Contacts	Dimension A
5	$\frac{19.5}{(.768)}$
6	$\frac{25.5}{(1.004)}$



No. of Contacts	Dimension A	Dimension B
2	$\frac{.961}{(.038)}$	$\frac{1.197}{(.047)}$
3	$\frac{.961}{(.038)}$	$\frac{1.197}{(.047)}$
4	$\frac{.961}{(.038)}$	$\frac{1.197}{(.047)}$
5	$\frac{1.765}{(.069)}$	$\frac{1.98}{(.078)}$
6	$\frac{1.765}{(.069)}$	$\frac{1.98}{(.078)}$

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

REV. 07/10

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