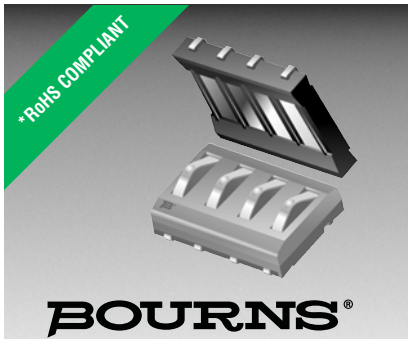




Features

- 4 mm pitch
- Rechargeable battery-pack applications
- Precious metal contacts
- Tape & reel available
- RoHS compliant* - see [processing information](#) on RoHS compliant surface mount components

70AD/Female - Modular Contact

Materials & Finishes

Insulator Glass reinforced thermoplastic,
UL 94V-0 rated, black
Contact Copper alloy
Finish
Underplating..... 30 μ " min. Ni
Contact Area 30 μ " min. Au over Ni
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 m Ω max.
Dielectric Voltage AC 500 V
Insulating Resistance 500 M Ω min.
Operating Temperature
..... -55 °C to 125 °C
Mechanical
Durability 5,000 cycles

How to Order

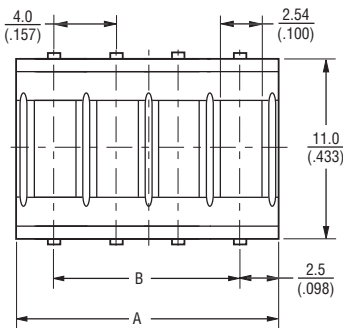
70AD J - 3 - F L 0 G

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)

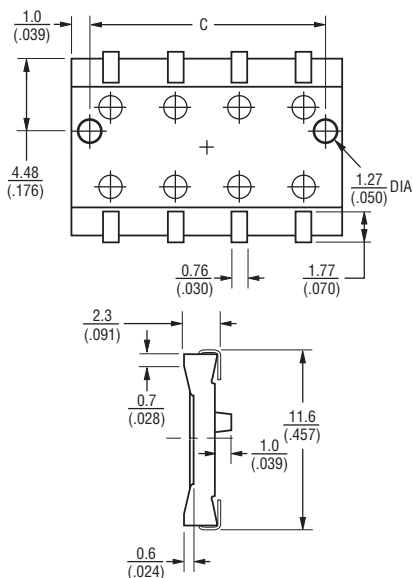
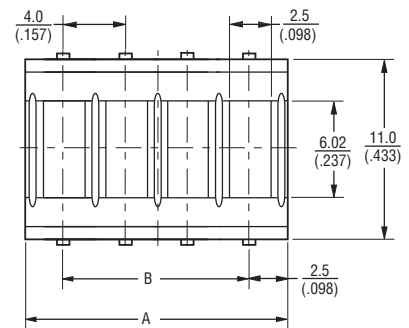
Number of Contacts	Dim. A	Dim. B	Dim. C
2	9.0 (.354)	4.0 (.157)	6.99 (.275)
3	13.0 (.512)	8.0 (.315)	11.0 (.433)
4	17.0 (.669)	12.0 (.472)	15.0 (.591)
5	21.0 (.827)	16.0 (.630)	19.0 (.748)
6	25.0 (.984)	20.0 (.787)	22.9 (.900)

Product Dimensions

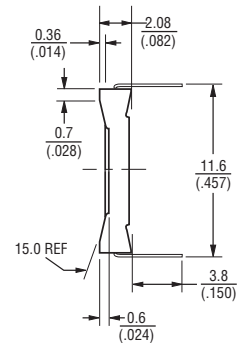
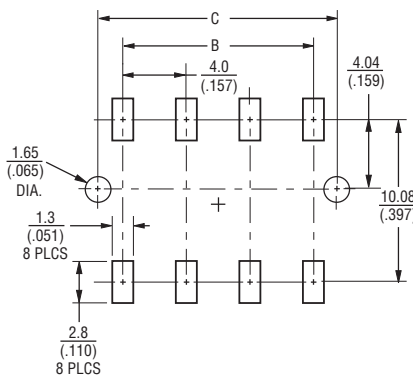
70ADJ



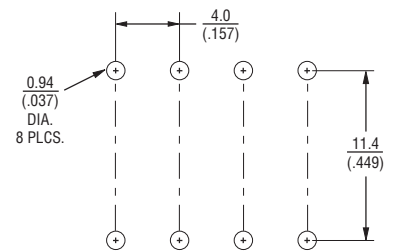
70ADH



70ADJ RECOMMENDED PWB MOUNTING PATTERN



70ADH RECOMMENDED PWB MOUNTING PATTERN



TOLERANCES: ± 0.3
(± 0.12) UNLESS OTHERWISE NOTED
DIMENSIONS: $\frac{\text{MM}}{(\text{INCHES})}$

*RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.

Specifications are subject to change without notice.

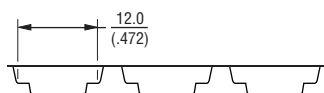
The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time.
Users should verify actual device performance in their specific applications.

BOURNS®

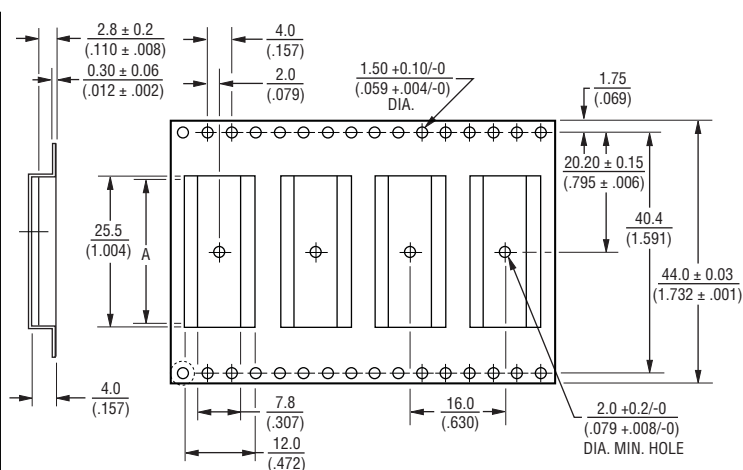
Technical drawing of a 3-hole plate with dimensions in mm.

Dimensions shown:

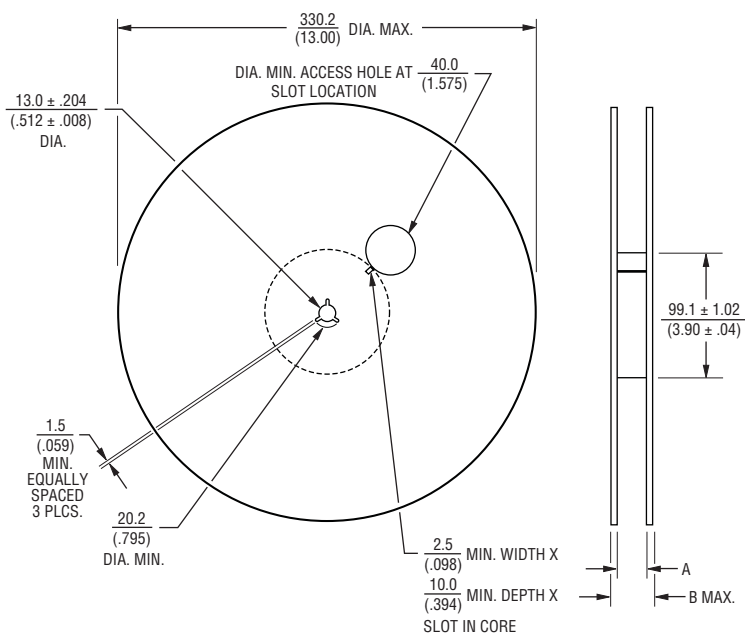
- Hole diameter: DIA. 1.50 +0.10/-0 (.059 +.004/-0)
- Hole spacing: 16.0 (.630)
- Plate width: 24.0 ± 0.3 (.945 ± .012)
- Distance from edge to hole center: 4.0 (.157)
- Distance between hole centers: 11.5 (.453)
- Distance from edge to hole center (top view): 2.6 ± 0.2 (.102 ± .008) and 0.33 ± 0.3 (.013 ± .001)
- Distance from edge to hole center (top view): 4.0 (.157) and 2.0 (.079)
- Distance from edge to hole center (top view): 1.75 (.069)
- Distance from edge to hole center (top view): 1.5 +0.7/-0 (.059 +.028/-0) DIA MIN H0IF



No. of Contacts	Dimension A
2	$\frac{9.5}{(.374)}$
3	$\frac{13.5}{(.531)}$
4	$\frac{17.5}{(.689)}$



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



No. of Contacts	Dimension A	Dimension B (Max.)
2	$\frac{24.41}{(.961)}$	$\frac{30.40}{(1.197)}$
3	$\frac{24.41}{(.961)}$	$\frac{30.40}{(1.197)}$
4	$\frac{24.41}{(.961)}$	$\frac{30.40}{(1.197)}$
5	$\frac{44.83}{(1.765)}$	$\frac{50.30}{(1.98)}$
6	$\frac{44.83}{(1.765)}$	$\frac{50.30}{(1.98)}$

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

REV. 12/13

SLOT IN CORE

Specifications are subject to change without notice.
The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time.
Users should verify actual device performance in their specific applications.