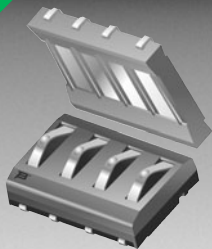


*RoHS COMPLIANT



BOURNS®

Features

- Low profile
- Rugged design
- Vertical or horizontal entry
- Tape & reel packaging available
- RoHS compliant*

70AD/Male - Modular Contact

Materials & Finishes

Insulator.....Glass reinforced thermoplastic, UL 94V-0 rated, black
Contact.....Copper alloy Finish
Underplating.....30 μ " - 60 μ " nickel
Contact Area.....30 μ " Au over Ni
Termination.....Tin alloy (meets MIL-STD-202, method 208)

Operating Characteristics

Electrical

Current Rating.....DC 3 A/contact
Voltage RatingDC 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

Normal Force/Finger.....100 grams min.
Durability.....5,000 cycles

Patent No. 5,378,160.

How to Order

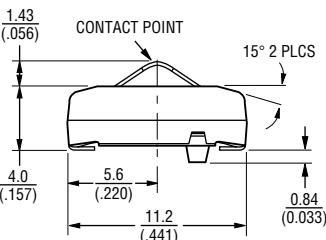
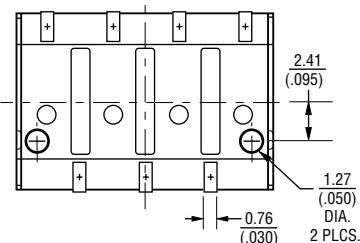
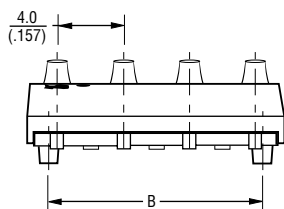
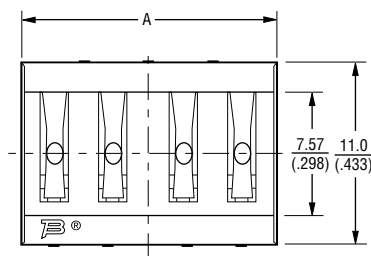
70AD J - 3 - M L O G

Model _____
Terminal Style _____
J = SMT
H = Through-hole
Number of Contacts _____
2 through 6
Gender _____
M = Male
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)

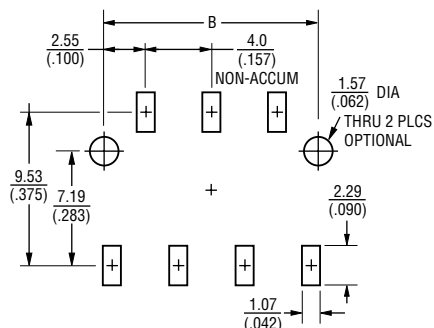
Number of Contacts	Dimension A	Dimension B
2	$\frac{7.7}{(.303)}$	$\frac{5.11}{(.201)}$
3	$\frac{11.7}{(.461)}$	$\frac{9.11}{(.359)}$
4	$\frac{15.7}{(.618)}$	$\frac{13.11}{(.516)}$
5	$\frac{19.7}{(.776)}$	$\frac{17.11}{(.674)}$
6	$\frac{23.7}{(.933)}$	$\frac{21.11}{(.831)}$

Product Dimensions

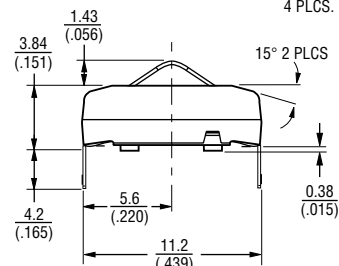
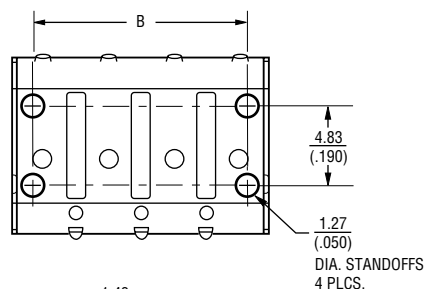
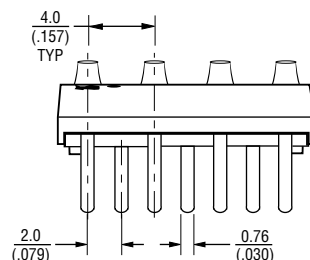
70ADJ



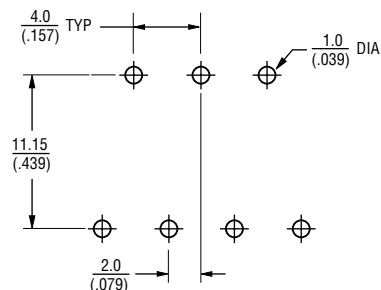
RECOMMENDED PWB MOUNTING PATTERN



70ADH



RECOMMENDED PWB PCB HOLE PATTERN



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

TOLERANCES: + 0.30 (0.012)

REV.11/04

*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.