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* - see processing information for RoHS compliant surface mount components
- Halogen free**

70AA/Male - Modular Contact

Materials & Finishes
Insulator: Glass reinforced thermoplastic, UL 94V-0 rated, black
Contact: Copper alloy
Finish: Underplating: 30 µ" min. Ni, 30 µ" min. Au over Ni

Operating Characteristics
Electrical
Current Rating: 3 A/contact
Voltage Rating: 60 V
Contact Resistance: 25 mohms max.
Dielectric Voltage: AC 500 V
Insulating Resistance: 1000 Mohms min.
Operating Temperature: -55 °C to 125 °C

Mechanical
Vibration: 30 G, 10-2K Hz,
0.06 inches D.A.
Shock: 100 G
Normal Force: 80 grams min.
at a working height of 0.25 mm (0.010 inches)
Durability: 50,000 cycles min.
Contact Resistance after 50,000 Cycles: 50 mΩ
MSL: 1
ESD Rating (HBM): 3B

How to Order
70AA J - 4 - M 0 G
Model
Terminal Style
J = SMT
Number of Contacts (N)
2 through 6
Gender
M = Male
Options
0 = Standard
G = Embossed Tape (750 pcs. per reel)

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

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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