



Features

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

Applications

- Handheld communications - mobile phones, pagers, cordless phones, GPS, PICs, radios
- Portable consumer equipment - PDAs, HPCs, notebook PCs, cameras, dictaphones, PICs, games
- Component-to-board, SIM cards, etc.

70AA/Male - Modular Contact

Materials & Finishes

InsulatorGlass reinforced thermoplastic, UL 94V-0 rated, black
 ContactCopper alloy
 Finish
 Underplating.....Nickel
 Contact AreaAu over nickel

Operating Characteristics

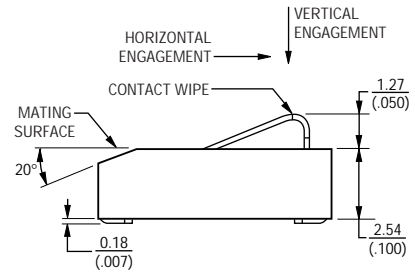
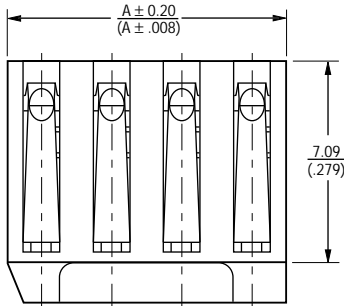
Electrical
 Current Rating3A/contact
 Voltage Rating.....60V
 Contact Resistance......25mΩ max.
 Dielectric VoltageAC 500V
 Insulating Resistance1000MΩ min.
 Operating Temperature-55°C to 125°C
 Mechanical
 Normal Force80 grams min.
 Durability10,000 cycles min.

How to Order

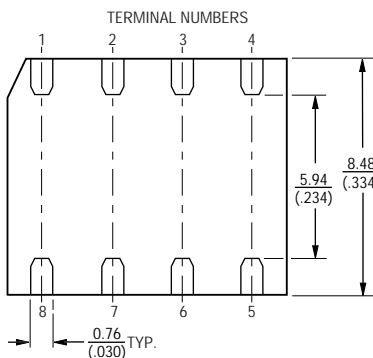
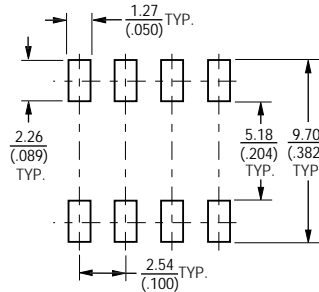
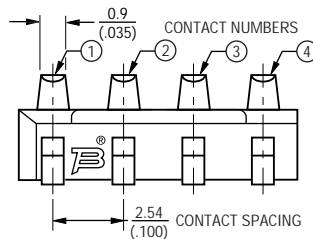
70AA J - 4 - M 0 G

Model _____
 Terminal Style _____
 J = SMT
 Number of Contacts (N) _____
 2 through 6
 Gender _____
 M = Male
 Plating _____
 0 = Standard
 Packaging Option _____
 _ = Tube (240/N pcs. or 240 contacts per tube)
 G = Embossed Tape (750 pcs. per reel)

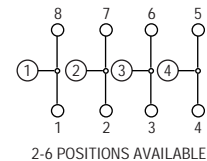
Product Dimensions



Recommended PWB Layout



Electrical Schematic



Number of Contacts	Dimension A
2	$\frac{5.00}{(.197)}$
3	$\frac{7.54}{(.297)}$
4	$\frac{10.20}{(.397)}$
5	$\frac{12.62}{(.497)}$
6	$\frac{15.16}{(.597)}$

TOLERANCES: $\pm \frac{0.25}{(.010)}$ UNLESS OTHERWISE STATED

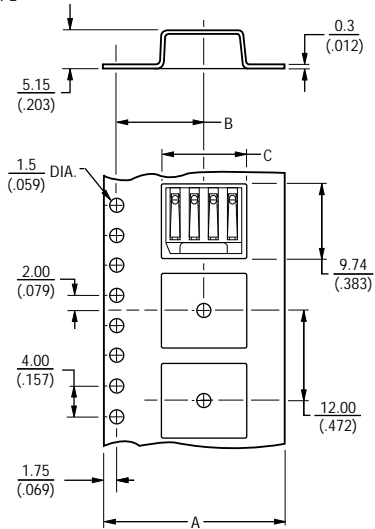
DIMENSIONS ARE: $\frac{\text{METRIC}}{\text{(INCHES)}}$

70AA/Male - Modular Contact



Packaging Specifications

TAPE



No. of Contacts	Dimension A	Dimension B	Dimension C	Dimension D
2	$\frac{16.0}{(.630)}$	$\frac{7.5}{(.296)}$	$\frac{5.64}{(.222)}$	$\frac{16.4}{(.646)}$
3	$\frac{16.0}{(.630)}$	$\frac{7.5}{(.296)}$	$\frac{8.19}{(.323)}$	$\frac{16.4}{(.646)}$
4	$\frac{24.0}{(.945)}$	$\frac{11.5}{(.453)}$	$\frac{10.4}{(.409)}$	$\frac{24.4}{(.961)}$
5	$\frac{24.0}{(.945)}$	$\frac{11.5}{(.453)}$	$\frac{12.95}{(.510)}$	$\frac{24.4}{(.961)}$
6	$\frac{24.0}{(.945)}$	$\frac{11.5}{(.453)}$	$\frac{15.5}{(.610)}$	$\frac{24.4}{(.961)}$

REEL

