

ADVANCED INTERCONNECT PRODUCTS AND SYSTEMS

MINI SHUNTS

.050", 2mm, .100" & .200" CENTERLINE MS SERIES

INTRODUCTION:

Adam Tech MS Series Mini Shunts are available in .050", 2.0mm, .100" and .200" centerlines. They quickly and easily jump individual pins on pin headers to perform manual programming on PCB's. This series offers a broad range of sizes, shapes and colors. Shunts are designed with detents at top for easy fingertip installation and removal. Options include integrated pull tabs and gang types which are molded in one piece. This series is extremely low cost and is a highly economical, cost effective solution to replacing PCB switches. Adam Tech's shunts are available in Gold or Tin plating.

FEATURES:

Electrically connects two or more pin header posts Wide variety of bodies and styles to choose from Superior insulator design provides easy Fingertip extraction Pull Tab and Ganged options available Choice of Gold or Tin-plated contact area Side and end stackable

MATING OPTIONS:

Mates with .025" sq. pin headers on .100" centers and all industry standard pin headers with .025" square post on .100" [2.54mm] centerlines.

SPECIFICATIONS:

Material:

Insulator: PBT, rated UL94V-0 Insulator Color: Black Contacts: Phosphor Bronze

Contact Plating:

G = Gold over nickel underplate overall T = Tin over copper underplate overall

Electrical:

Operating voltage: 250V AC max. Current rating: 3 Amps max Contact resistance: 20 m Ω max. initial Insulation resistance: 5000 M Ω min. Dielectric withstanding voltage: 1000V AC for 1 minute

Mechanical:

Insertion force: 1.57 lbs max. Withdrawal force: .65 lbs min Mating durability: 50 Cycles Gold 20 Cycles Tin

Temperature Rating: Operating temperature: -40°C to +105°C

PACKAGING:

Anti-ESD plastic bags

SAFETY AGENCY APPROVALS:

UL Recognized & CSA Certified, File no. E224053





ORDERING INFORMATION



2.00mm SHUNTS - Pg. 301

OPTIONS:

Add designator(s) to end of part number $30 = 30 \mu$ in gold plating in contact area

STANDARD INSULATOR COLOR IS BLACK Other insulator colors available Add designator(s) to end of part number

- **R** = Red *
- **B** = Blue *
- W = White *
- Y = Yellow *
- **G** = Green *

* Minimum order required

www.adam-tech.com



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