

MR SERIES

Adam Tech MR Series Miniature Ribbon connectors come in a variety of terminations including Solder Terminals, Straight PCB Tails, Right Angle PCB mount, Flat Cable IDC and Straddle Mount Card Edge. These connectors with their high pressure, flat wiping contacts are a very popular widely used interface especially in telecommunication applications. Offered in 14, 24, 36 and 50 positions they are a good choice for high reliability positive latching connector applications. They combine an extremely reliable contact design with the popular, polarized D face. Adam Tech connectors are manufactured with precision stamped contacts and offer a wide selection of mating and mounting options.

FEATURES:

- Available in many termination styles
- High pressure blade contacts
- Industry standard compatibility
- Durable metal shell design
- Variety of Mating and mounting options

MATING CONNECTORS:

Adam Tech Miniature Ribbon connectors and all industry standard miniature ribbon connectors.

SPECIFICATIONS:

Material:

- Insulator: PBT, Glass filled, rated UL94V-0
- Insulator Color: Blue (Black optional)
- Contacts: Phosphor Bronze
- Shell: Steel, nickel plated

Contact Plating:

- Gold Flash over nickel underplate on mating area, Tin over Copper underplate on tails

Electrical:

- Operating Voltage: 250V AC
- Current Rating: 1 Amps max.
- Contact Resistance: 35 mΩ max.
- Insulation Resistance: 1000 MΩ min.
- Dielectric Withstanding Voltage: 1000V AC for 1 minute

Mechanical:

- Insertion force: 12 oz max.
- Withdrawal force: 4.8 oz min.

Temperature Rating:

- Operating Temperature: -55°C ~ +105°C

PACKAGING:

- Anti-ESD plastic trays

APPROVALS AND CERTIFICATIONS:

- UL Recognized File No. E224053
- CSA Certified File No. LR1578596



MINIATURE RIBBON

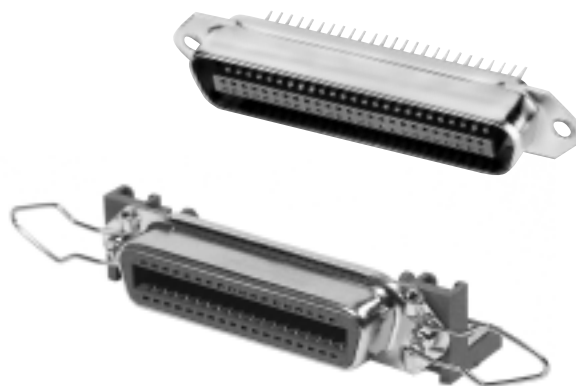
STRAIGHT PCB TAIL

IDC FLAT CABLE

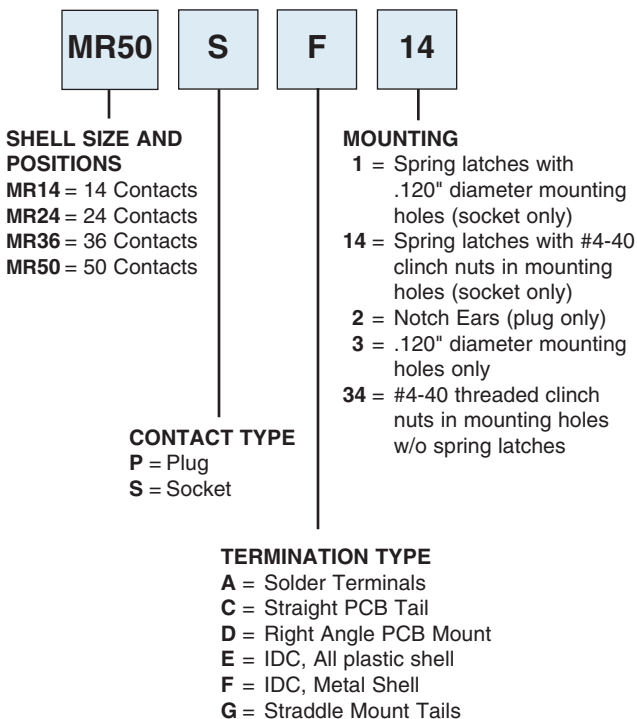
SOLDER TERMINALS

RIGHT ANGLE PCB MOUNT

MR SERIES



ORDERING INFORMATION



OPTIONS:

- Add designator(s) to end of part number
- 30** = 30 μin gold plating in contact area
- BK** = Black color insulator
- F** = Forked boardlocks
- RC** = RoHS compliant lead-free product with Hi-Temp insulator