

# .050" [1.27] RIBBON CONNECTOR RIGHT ANGLE & VERTICAL PCB MOUNT S2B SERIES

### INTRODUCTION:

Adam Tech S2B Series .050" Ribbon Connectors with either Straight or Right Angle PCB tails are both widely used high density interfaces for many I/O applications. Offered in 50 and 68 positions they are a good choice for compact applications. Adam Tech connectors feature a flat leaf and fork contact design with the popular, polarized D face. These connectors are manufactured with precision stamped contacts offering a choice of contact plating and a wide selection of mating and mounting options.

### FEATURES:

- Available in IDC or Card Edge Straddle mount
- Blade contact with Blanked terminal
- Industry standard compatibility
- Durable metal shell design
- Precision formed bifurcated contacts
- Variety of Mating and mounting options

### MATING CONNECTORS:

Adam Tech .050" Miniature Ribbon connectors and all industry standard .050" Miniature Ribbon connectors.

### SPECIFICATIONS:

#### Material:

- Insulator: PBT, Glass filled, rated UL94V-0
- Insulator Color: Black
- 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: 30 mΩ max.
- Insulation Resistance: 1000 MΩ min.
- Dielectric Withstanding Voltage: 1000V AC for 1 minute

#### Mechanical:

- Insertion force: 10 kg per contact max.
- Withdrawal force: .02 kg per contact min.

#### Temperature Rating:

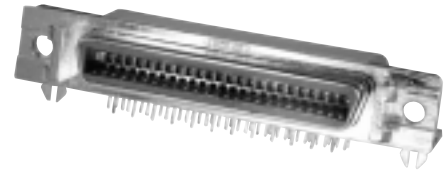
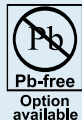
- Operating Temperature: -55°C ~ +105°C

### PACKAGING:

- Anti-ESD plastic trays

### APPROVALS AND CERTIFICATIONS:

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



### ORDERING INFORMATION

