

INTRODUCTION:

Adam Tech right angle PCB SCSI II / III connectors are a popular high density interface for many I/O applications requiring a miniature connector. Offered in 20, 26, 28, 40, 50, 68, 80, 100 and 120 positions they are a good choice for high density compact applications. They feature a flat leaf and fork contact design and a one touch, locking receptacle/plug combination. These connectors are manufactured with precision stamped contacts offering a choice of contact plating and a wide selection of mating and mounting options. They are ideal for most compact electronic applications.

FEATURES:

- Conforms to SCSI II standards
- One touch Locking Receptacle and Plug
- Blade contact with Blanked terminal
- Industry standard compatibility
- Durable metal shell design
- Precision formed contacts
- Variety of Mating and mounting options

MATING CONNECTORS:

Adam Tech SCSI II / III connectors and all industry standard SCSI II / III connectors.

SPECIFICATIONS:

Material:

Standard insulator: PBT, Glass filled, rated UL94V-0
 Optional Hi-Temp insulator: Nylon 6T UL94V-0
 Insulator Color: Black
 Contacts: Phosphor Bronze
 Metal backshell: Zinc, 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 Amp max.
 Contact Resistance: 35 mΩ max. initial
 Insulation Resistance: 500 MΩ min.
 Dielectric Withstanding Voltage: 500V AC for 1 minute

Mechanical:

Insertion force: 5.3 oz max.
 Withdrawal force: 1.0 oz min.
 Durability: 100 cycles

Temperature Rating:

Operating Temperature: -55°C to +105°C
 Soldering process temperature:
 Standard insulator: 235°C
 Hi-Temp insulator: 260°C

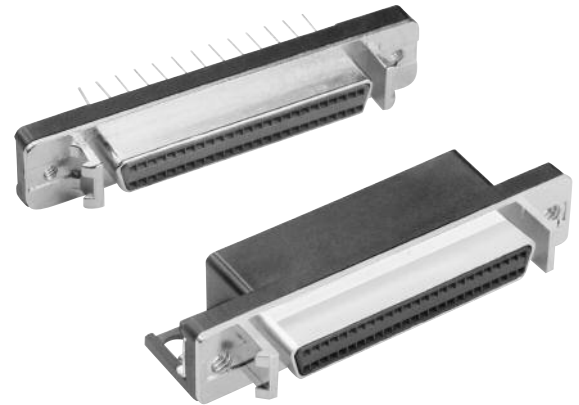
PACKAGING:

Anti-ESD plastic trays

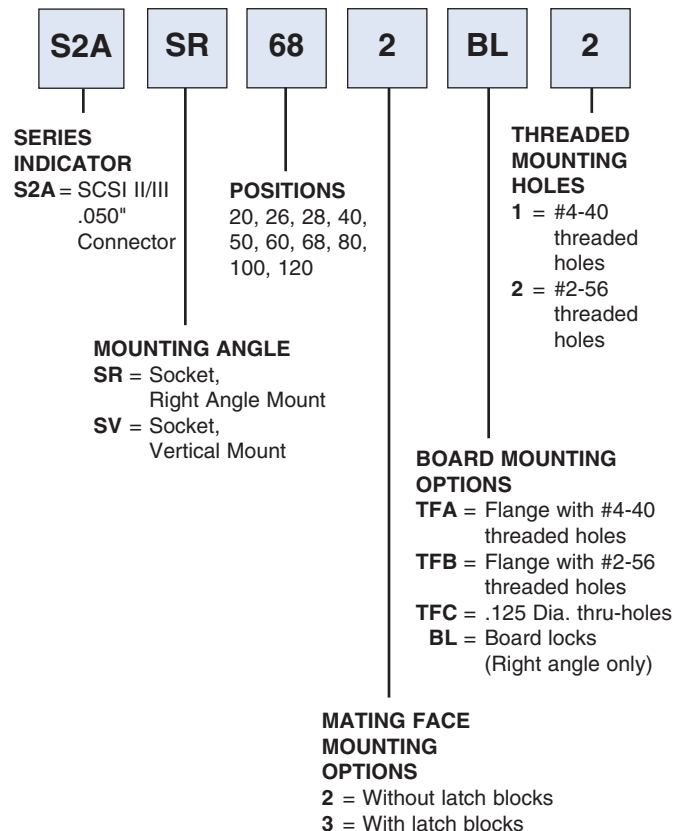
APPROVALS AND CERTIFICATIONS:

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

**HI-TEMP
INSULATOR
AVAILABLE**



ORDERING INFORMATION



OPTIONS:

Add designator(s) to end of part number
 HT = Hi-Temp insulator for Hi-Temp soldering processes up to 260°C