.050" [1.27] SCSI II/III
RIGHT ANGLE AND VERTICAL PCB MOUNT
S2A SERIES

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.

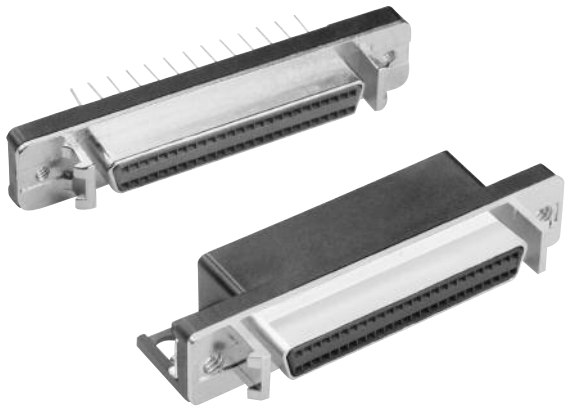
SPECIFICATIONS:
Material:
Standard insulator: PBT, Glass filled, rated UL94V-0
Optional Hi-Temp insulator: Nylon 6T UL94V-0
Insulator Color: Black
Contacts: Phosphor Bronze
Metal backshell: Zinc, Nickel Plated
Contact Plating:
Gold Flash over nickel underplate on mating area, Tin over Copper underplate 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 proces 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

RoHS COMPLIANT



ORDERING INFORMATION

S2A	SR	68	2	BL	2

SERIES INDICATOR
S2A = SCSI II/III .050" Connector

MOUNTING ANGLE
SR = Socket, Right Angle Mount
SV = Socket, Vertical Mount

POSITIONS
20, 26, 28, 40, 50, 60, 68, 80, 100, 120

MATING FACE MOUNTING OPTIONS
2 = Without latch blocks
3 = With latch blocks

BOARD MOUNTING OPTIONS
TFA = Flange with #4-40 threaded holes
TFB = Flange with #2-56 threaded holes
TFC = .125 Dia. thru-holes
BL = Board locks (Right angle only)

THREADED MOUNTING HOLES
1 = #4-40 threaded holes
2 = #2-56 threaded holes

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