

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. Adam Tech 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 bifurcated 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:

Insulator: PBT, Glass filled, rated 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 Amps 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:

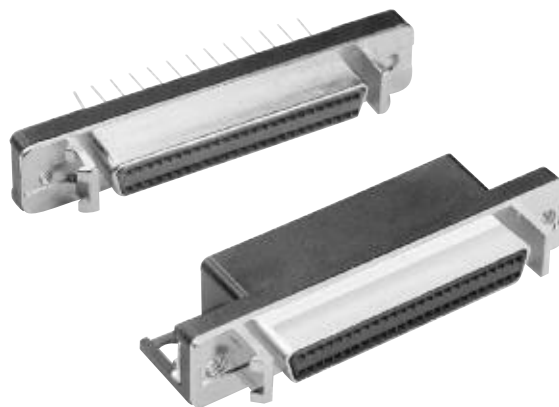
Operating Temperature: -55°C ~ +105°C

PACKAGING:

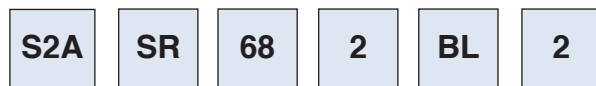
Anti-ESD plastic trays

APPROVALS AND CERTIFICATIONS:

UL Recognized & CSA Certified,
File no. E224053



ORDERING INFORMATION



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

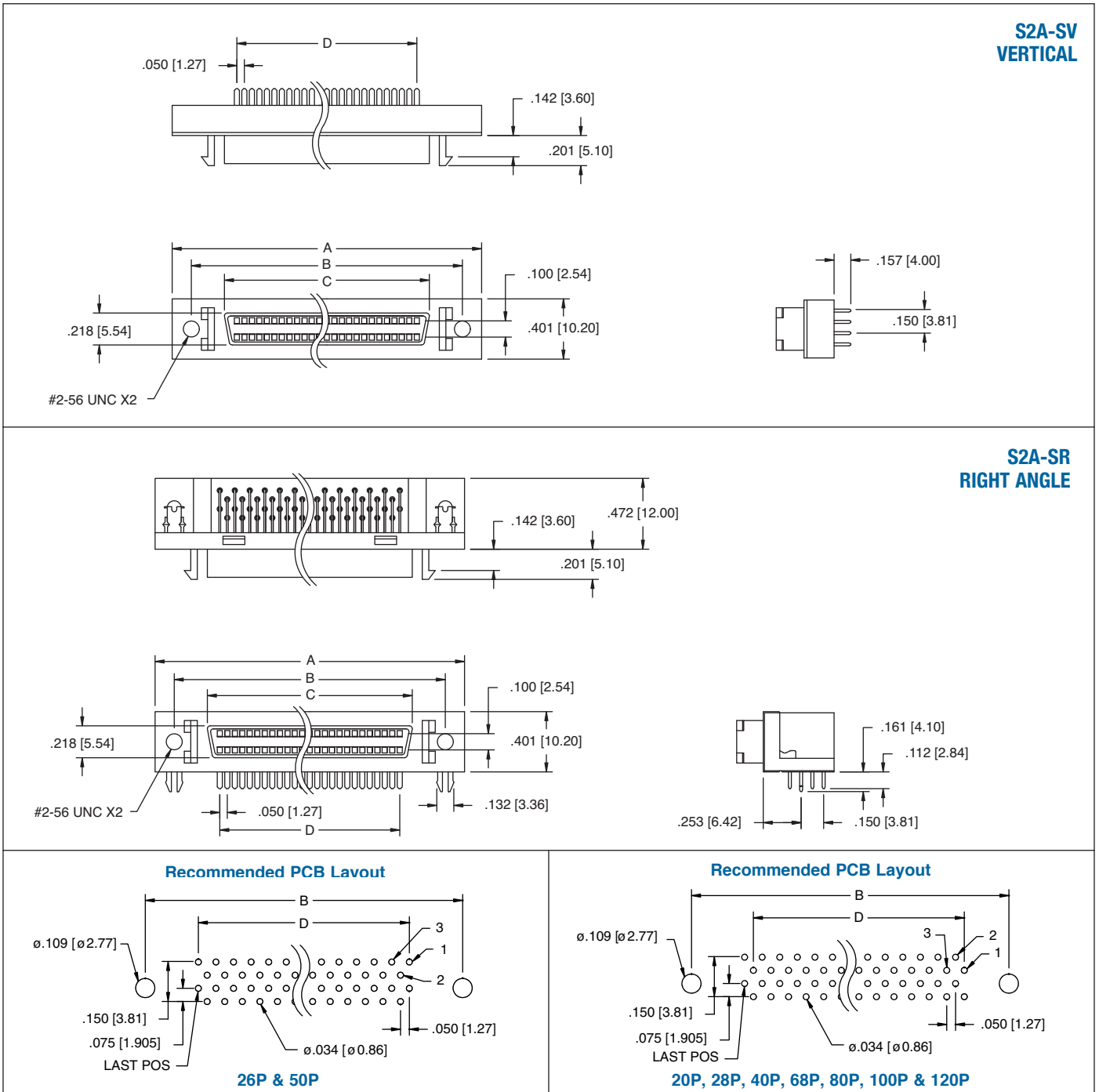
MOUNTING ANGLE
SR = Socket, Right Angle Mount
SV = Socket, Vertical Mount

THREADED MOUNTING HOLES
1 = #4-40 threaded holes
2 = #2-56 threaded holes
3 = M2.6 thread holes

BOARD MOUNTING OPTIONS
TFA = Flange with #4-40 threaded holes
TFB = Flange with #2-56 threaded holes
TFC = .125 Dia. thru-holes
TFD = Flange with M2.6 threaded holes
BL = Board locks (Right angle only)

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

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



Unit: Inch / mm

PART NO. & POSITION	S2A-SR-20 S2A-SV-20	S2A-SR-26 S2A-SV-26	S2A-SR-28 S2A-SV-28	S2A-SR-40 S2A-SV-40	S2A-SR-50 S2A-SV-50	S2A-SR-68 S2A-SV-68	S2A-SR-80 S2A-SV-80	S2A-SR-100 S2A-SV-100	S2A-SR-120 S2A-SV-120
A	1.323 [33.60]	1.469 [37.30]	1.523 [38.68]	1.823 [46.30]	2.073 [52.65]	2.523 [64.08]	2.823 [71.70]	3.323 [84.40]	3.823 [97.10]
B	1.081 [27.45]	1.228 [31.20]	1.281 [32.53]	1.581 [40.15]	1.831 [46.50]	2.281 [57.93]	2.581 [65.55]	3.081 [78.25]	3.581 [90.95]
C	0.600 [15.25]	0.750 [19.05]	0.800 [20.33]	1.100 [27.95]	1.350 [34.30]	1.800 [45.73]	2.100 [53.35]	2.600 [66.05]	3.100 [78.75]
D	0.450 [11.43]	0.600 [15.24]	0.650 [16.51]	0.950 [24.13]	1.200 [30.48]	1.650 [41.91]	1.950 [49.53]	2.450 [62.23]	2.950 [74.93]