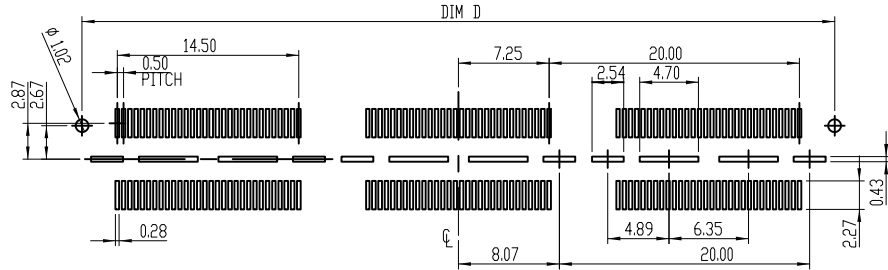
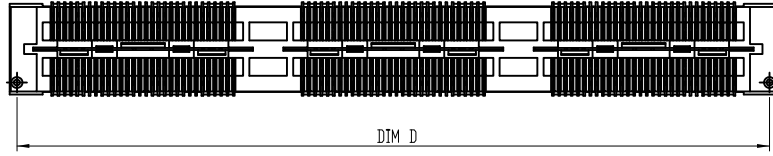
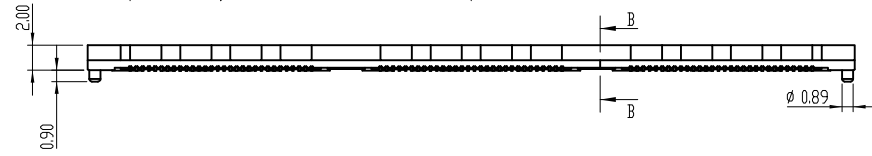
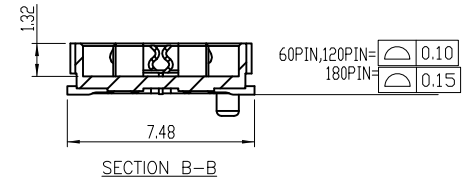
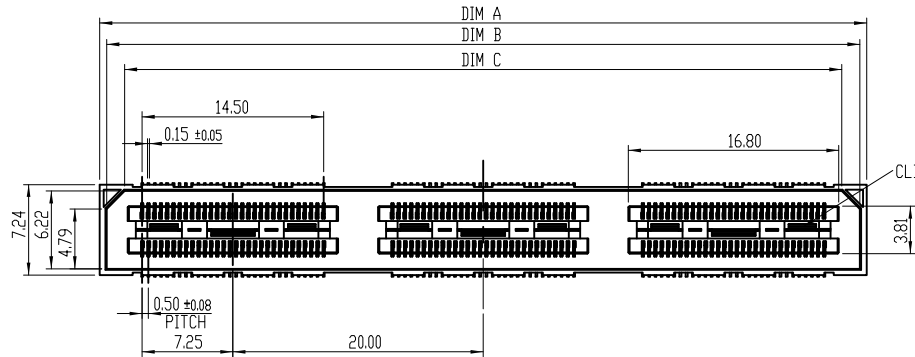


APPROVED: _____
 DATE: _____ TITLE: _____

| Rev | AWO # | Description | Date | Appr |
|-----|-------|----------------|---------|-------|
| - | | RELEASED | 4/11/17 | |
| A | | UPDATE DRAWING | 5/28/20 | LH/RC |



| | 60 PIN | 120 PIN | 180 PIN |
|-------|--------|---------|---------|
| DIM A | 21.27 | 41.27 | 61.27 |
| DIM B | 20.17 | 40.17 | 60.17 |
| DIM C | 17.17 | 37.17 | 57.17 |
| DIM D | 20.13 | 40.13 | 60.13 |

Mated with: BB5H-PC-XXX-G-4.27-HF-T/R

SPECIFICATIONS:
 Material:
 Insulator: Hi-Temp thermoplastic, rated UL 94V-0
 Insulator color: Black
 Contacts: Copper Alloy
 Plating:
 8u" Gold over Nickel underplate on contact area
 1u" Gold over Nickel underplate on solder tails
 Electrical:
 Current Rating: Contact: 2.0A
 Ground Plane: 7.8A
 Voltage Rating: 175VAC (5mm Stack Height)
 Dielectric withstanding voltage: 525 VAC
 Mating cycles: 100 insertions
 Temperature Rating:
 Temperature: -55°C to +125°C
 Environmental:
 Lead free, RoHS compliant



PACKAGED ON TAPE & REEL

UNLESS OTHERWISE SPECIFIED
 ALL DIMENSIONS ARE MILLIMETERS
 TOLERANCES: EXCEPT AS NOTED

| APPROVALS | DATE |
|------------|---------|
| DRAWN AY | 4/11/17 |
| CHECKED OC | 4/11/17 |
| APPROVED | |

MM ANG ±2'
 X. ± .30
 .X ± .15
 .XX + .12

ADAM TECH INTERCONNECTS 909 Rahway Avenue, Union, NJ 07083
 Phone: 908-687-5000 Fax: 908-687-5710

TITLE: HIGH SPEED BOARD-TO-BOARD SOCKET w/ GROUND PLANE, 0.020" [0.50mm], SMT TYPE

| | | |
|--------------|------------------------------------|--------------|
| SIZE X | PART NO. BB5H-SC-XXX-G-2.05-HF-T/R | REV. A |
| REF: S00013T | SCALE: NTS | SHEET 1 OF 3 |

6

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APPROVED: _____

DATE: _____ TITLE: _____

Rev | AWO # | Description | Date | Appr

SEE SHT 1 OF 3 FOR REVISION

Technical drawing of a high-speed board-to-board socket. The drawing includes a top view with dimensions DIM A, DIM B, and DIM C. Key dimensions include 14.50, 0.15 ±0.05, 16.80, 7.24, 6.22, 4.79, 0.50 ±0.08 PITCH, 7.25, 20.00, 3.81, 2.00, 0.90, and Ø 0.89. A side view shows a height of 1.32 and a width of 7.48. A detail view shows a width of 0.95. A P.C.B layout view shows dimensions DIM D, 14.00, 0.50 PITCH, 6.75, 2.54, 4.70, 20.00, 0.28, 8.07, 4.89, 6.35, 20.00, 0.43, and 2.27. A hole diameter of Ø 1.02 is also indicated.

SECTION B-B detail view showing a width of 7.48. Tolerances for 40PIN, 80PIN, and 120PIN are specified as 0.10 and 0.15.

| | 40 PIN | 80 PIN | 120A PIN |
|-------|--------|--------|----------|
| DIM A | 21.27 | 41.27 | 61.27 |
| DIM B | 20.17 | 40.17 | 60.17 |
| DIM C | 17.17 | 37.17 | 57.17 |
| DIM D | 20.13 | 40.13 | 60.13 |

Mated with: BB5H-PC-XXX-G-4.27-HF-T/R

RECOMMENDED P.C.B LAYOUT

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE MILLIMETERS
TOLERANCES: EXCEPT AS NOTED

| | |
|-----------|------|
| MM | ANG |
| .X ± .30 | ± 2' |
| .X ± .15 | |
| .XX + .12 | |

ADAM TECH
INTERCONNECTS

909 Rahway Avenue,
Union, NJ 07083
Phone: 908-687-5000
Fax: 908-687-5710

TITLE: HIGH SPEED BOARD-TO-BOARD SOCKET w/
GROUND PLANE, 0.020" [0.50mm], SMT TYPE

| APPROVALS | | DATE |
|-----------|----|---------|
| DRAWN | AY | 4/11/17 |
| CHECKED | OC | 4/11/17 |
| APPROVED | | |

| SIZE | PART NO. | REV. |
|------|---------------------------|------|
| X | BB5H-SC-XXX-G-2.05-HF-T/R | A |

REF: S00013T | SCALE: NTS | SHEET 2 OF 3

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APPROVED: _____

DATE: _____ TITLE: _____

| | | | | |
|-----------------------------|-------|-------------|------|------|
| Rev | AWO # | Description | Date | Appr |
| SEE SHT 1 OF 3 FOR REVISION | | | | |

D

D

C

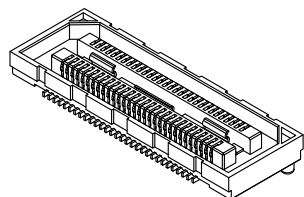
C

B

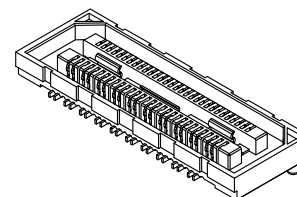
B

A

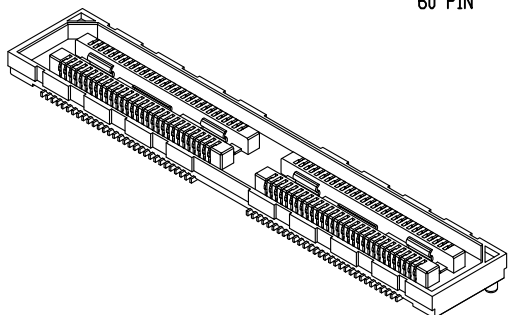
A



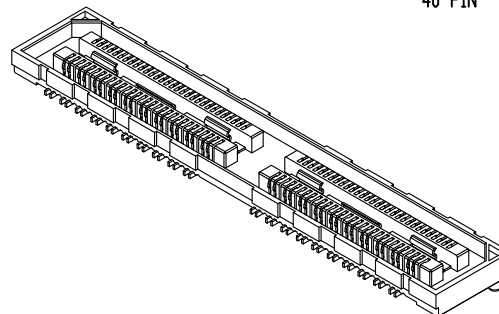
60 PIN



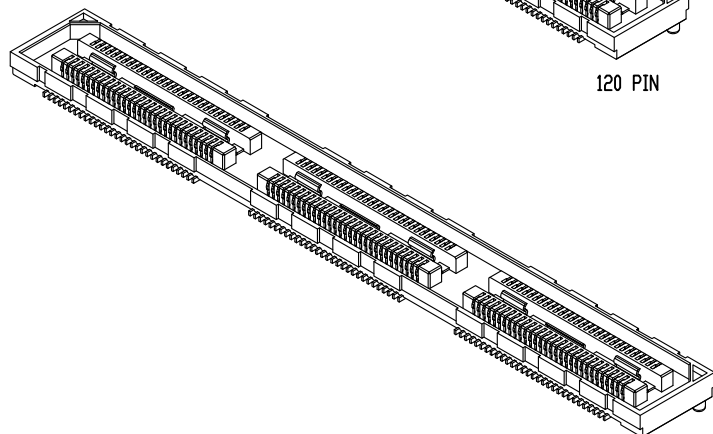
40 PIN



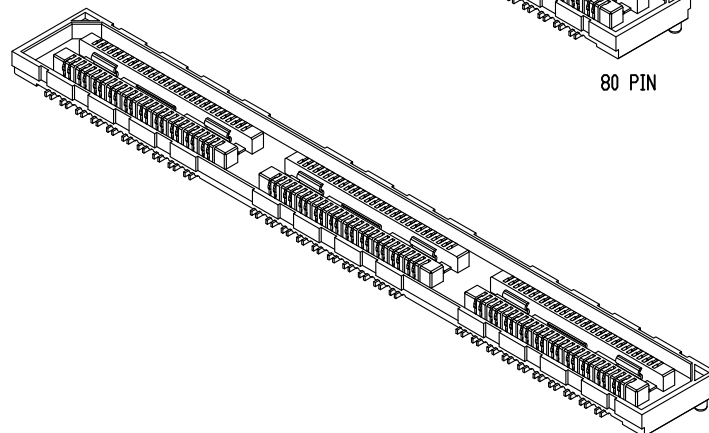
120 PIN



80 PIN



180 PIN



120A PIN

UNLESS OTHERWISE SPECIFIED
 ALL DIMENSIONS ARE MILLIMETERS
 TOLERANCES: EXCEPT AS NOTED

| | |
|-----------|------|
| MM | ANG |
| X. ± .30 | ± 2' |
| .X ± .15 | |
| .XX + .12 | |

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 Fax: 908-687-5710

| | | |
|-----------|----|---------|
| APPROVALS | | DATE |
| DRAWN | AY | 4/11/17 |
| CHECKED | OC | 4/11/17 |
| APPROVED | | |

| | | | | | |
|-------|---------------------------|--------|--|--------------|--|
| TITLE | | | HIGH SPEED BOARD-TO-BOARD SOCKET w/ GROUND PLANE, 0.020" [0.50mm], SMT TYPE | | |
| SIZE | PART NO. | REV. | | | |
| X | BB5H-SC-XXX-G-2.05-HF-T/R | A | | | |
| REF: | S00013T | SCALE: | NTS | SHEET 3 OF 3 | |

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