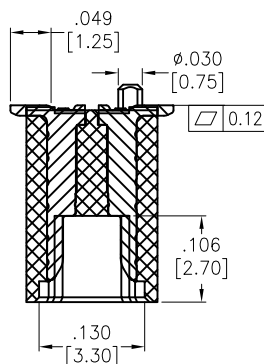
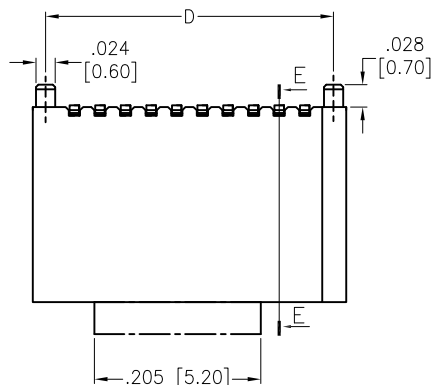
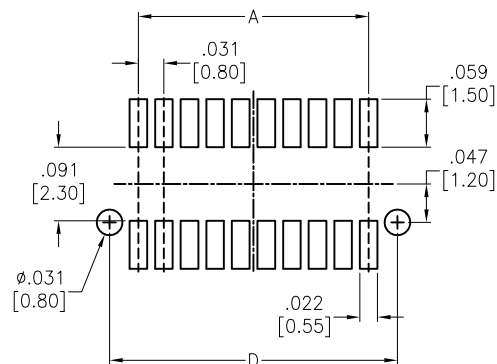


APPROVED: \_\_\_\_\_  
DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_

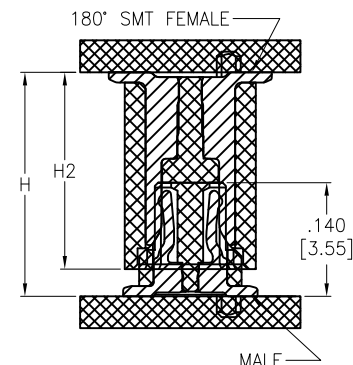
| Rev | AWO # | Description | Date    | Appr |
|-----|-------|-------------|---------|------|
| -   |       | RELEASED    | 6/27/14 |      |



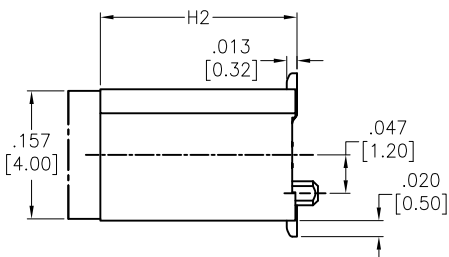
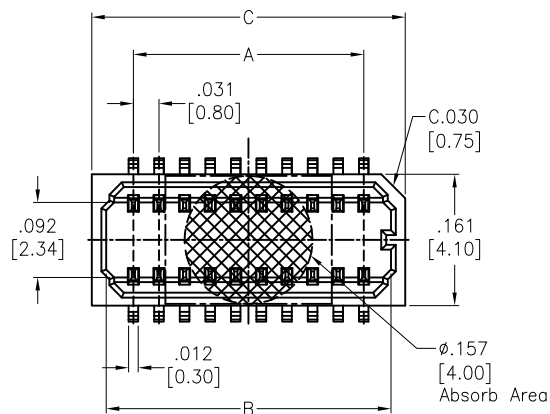
SECTION E-E



RECOMMENDED PCB LAYOUT



ASSEMBLY VIEW



| ADAM P/N                 | FEMALE H2   | ASSEMBLY H  |
|--------------------------|-------------|-------------|
| BB8-SWA-XX-G-3.65-PP-T/R | .144 [3.65] | .177 [4.50] |
| BB8-SWA-XX-G-4.15-PP-T/R | .163 [4.15] | .197 [5.00] |
| BB8-SWA-XX-G-4.70-PP-T/R | .185 [4.70] | .222 [5.65] |
| BB8-SWA-XX-G-5.15-PP-T/R | .203 [5.15] | .236 [6.00] |
| BB8-SWA-XX-G-5.65-PP-T/R | .222 [5.65] | .256 [6.50] |
| BB8-SWA-XX-G-6.15-PP-T/R | .242 [6.15] | .276 [7.00] |

SPECIFICATIONS:

Material:

Insulator: Hi-Temp thermoplastic, rated UL 94V-0

Insulator color: Black

Contacts: Phosphor Bronze

Plating:

Gold flash over Nickel underplate overall

Electrical:

Current rating: 0.5 Amps max.

Contact resistance: 30 mohms max. initial

Insulation resistance: 100 Mohms min

Dielectric withstanding voltage: 500 VAC for 1 minute

Temperature Rating:

Operating temperature: -20°C to +105°C

Environmental:

Lead free, RoHS compliant



PACKAGED ON TAPE & REEL

A= .031 [0.80] x No. of Spaces

B= .031 [0.80] x No. of Spaces + .067 [1.70]

C= .031 [0.80] x No. of Spaces + .102 [2.60]

D= .031 [0.80] x No. of Spaces + .071 [1.80]

UNLESS OTHERWISE SPECIFIED  
ALL DIMENSIONS ARE INCHES [MM]  
TOLERANCES: EXCEPT AS NOTED  
INCHES HOLES  
.X ± .10 Ø.X ± .10  
.XX ± .020 Ø.XX ± .015  
.XXX ± .015 Ø.XXX ± .010

| APPROVALS |    | DATE    |
|-----------|----|---------|
| DRAWN     | HR | 6/27/14 |
| CHECKED   | SY | 6/27/14 |
| APPROVED  |    |         |



TITLE  
.031 [0.80] PITCH BOARD TO BOARD  
SOCKET CONNECTOR, SMT TYPE

| SIZE         | PART NO.                 | REV.       |
|--------------|--------------------------|------------|
| X            | BB8-SWA-XX-G-X.XX-PP-T/R | -          |
| REF:         | S00019C                  | SCALE: NTS |
| SHEET 1 OF 1 |                          |            |