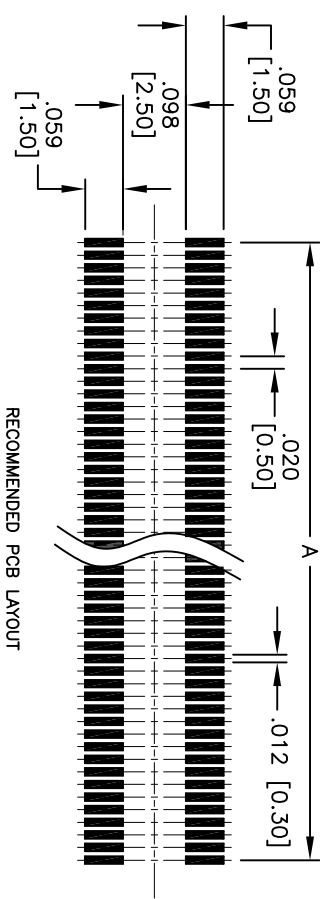
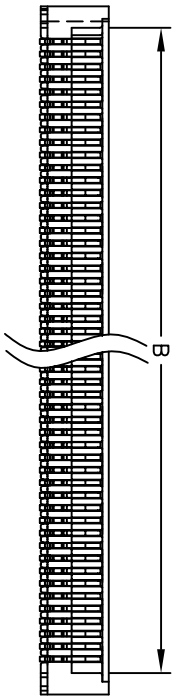
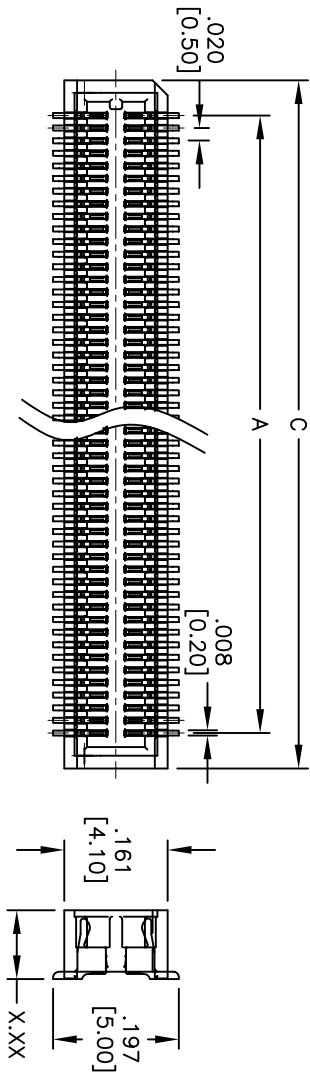


|     |       |             |        |      |
|-----|-------|-------------|--------|------|
| Rev | AWO # | Description | Date   | Appr |
| -   |       | RELEASED    | 5/4/15 |      |

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



RECOMMENDED PCB LAYOUT

| ADAM P/N                 | Plug DIM. (X.XX) | Dim.(X.XX)  | Mating Height |
|--------------------------|------------------|-------------|---------------|
| BB5-SL-XXX-G-NP-2.74-T/R | .094 [2.40]      | .108 [2.74] | .138 [3.50]   |
| BB5-SL-XXX-G-NP-2.74-T/R | .108 [2.74]      | .108 [2.74] | .157 [4.00]   |
| BB5-SL-XXX-G-NP-3.70-T/R | .094 [2.40]      | .146 [3.70] | .177 [4.50]   |
| BB5-SL-XXX-G-NP-3.70-T/R | .108 [2.74]      | .146 [3.70] | .197 [5.00]   |

Mated with: BB5-PL-XXX-G-NP-X.XX-T/R

PACKAGED ON TAPE & REEL

Position: 20 thru 100  
 A = .020 [0.50] x (No. of Contacts/2 - 1) + .043 [1.10]  
 B = .020 [0.50] x (No. of Contacts/2 - 1) + .110 [2.80]  
 C = .020 [0.50] x (No. of Contacts/2 - 1) + .110 [2.80]

**ADAM TECH**

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

TITLE: .020 [0.50] PITCH BOARD TO BOARD  
 SOCKET CONNECTOR, NO PEG, SMT TYPE

|  |              |
|--|--------------|
| UNLESS OTHERWISE SPECIFIED<br>ALL DIMENSIONS ARE INCHES [MM] |              |
| TOLERANCES: EXCEPT AS NOTED                                  |              |
| INCHES   | HOLES        |
| .X ± .10   | ØXX ± .10    |
| .XX ± .020   | ØXXX ± .015  |
| .XXX ± .015  | ØXXXX ± .010 |
| APPROVALS  | DATE         |
| DRAWN AY   | 5/4/15       |
| CHECKED YC   | 5/4/15       |
| APPROVED   |              |

**SPECIFICATIONS:**  
 Material: Insulator: Hi-Temp thermoplastic, rated UL 94V-0  
 Insulator color: Black  
 Contacts: Copper Alloy  
 Plating: Gold flash over Nickel underplate overall  
 Electrical: Operating voltage: 50 VAC max.  
 Current rating: 0.5 Amps max.  
 Contact resistance: 40 mohms max. Initial  
 Insulation resistance: 100 Mohms min@ 100V DC  
 Dielectric withstanding voltage: 500 VAC for 1 minute  
 Temperature Rating: Operating temperature: -20°C to +105°C  
 Environmental: Lead free, RoHS compliant

