

|      |                           |          |
|------|---------------------------|----------|
| REV. | ECN.NO.                   | DATE     |
| A    | RELEASED                  | 02/04/08 |
| B    | Rev The Name & The Handle | 11/17/08 |

**NOTES:**

**\*Material**

Body: Nylon46,UL 94V-0 Rated.Color: Black,Light Blue,Green.  
 Handle: Nylon46,UL 94V-0 Rated.Color: Black,Light Blue,Green.  
 Contacts: Brass  
 Plating: Gold plating over Nickel on contact area; Tin plating on Solder Tail.

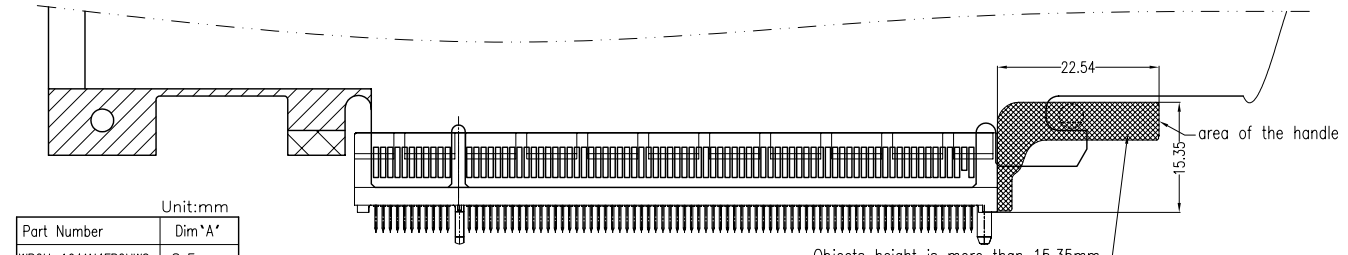
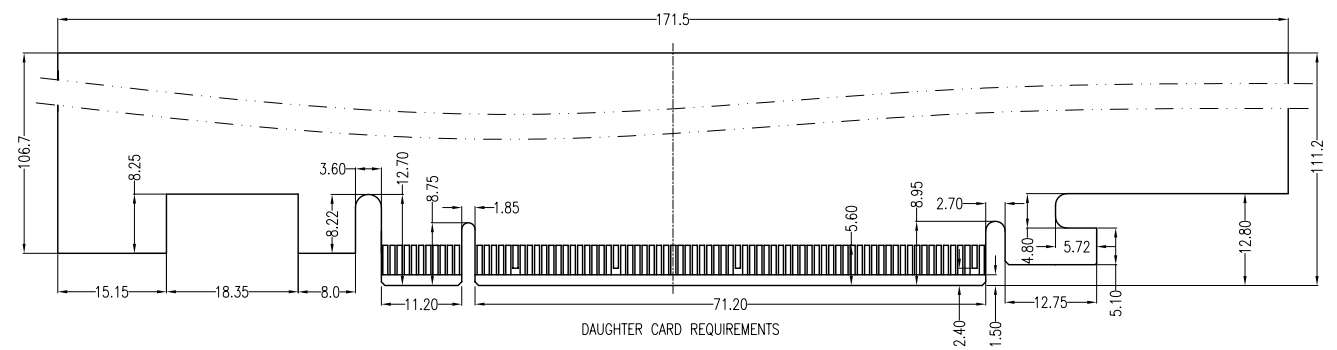
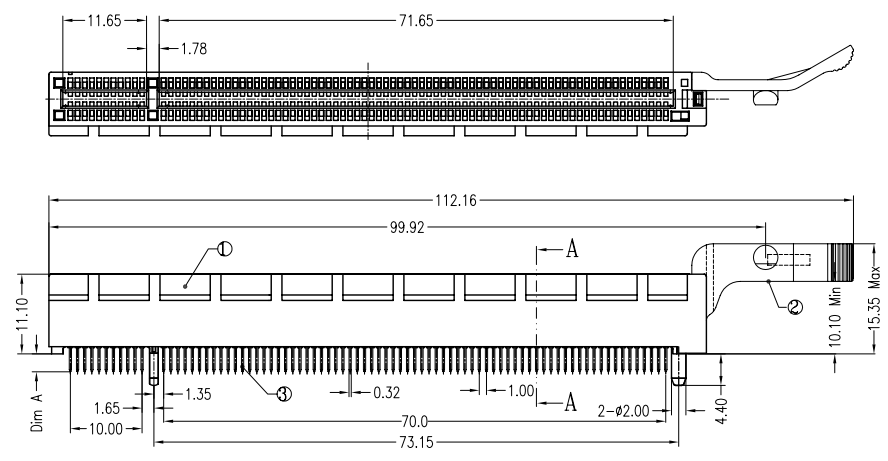
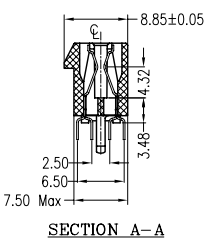
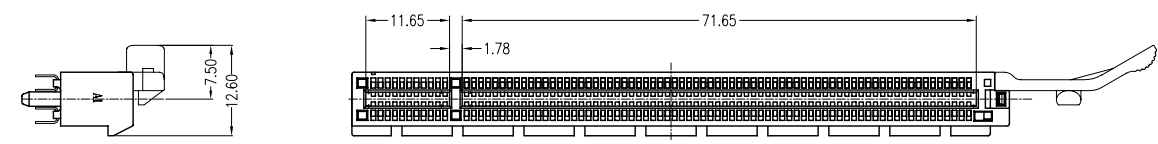
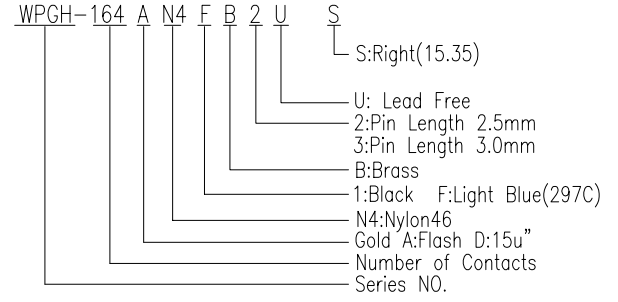
**\*Mechanical:**

Insertion Force: 117g max per contact pair;  
 Withdrawal Force: 15.3g min per contact pair;  
 Contact Retention Force: 350g min per contact;

**\*Electrical Specification**

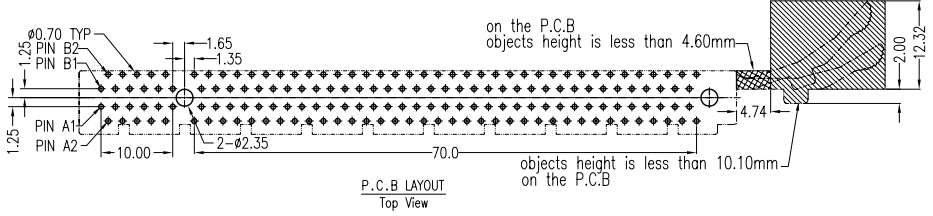
Contact Resistance : 30 Milliohms Max.  
 Current Rating : 1 Ampere per contact.  
 Insulation Resistance : 1000 Megohms Min, At 500V AC.  
 Operating Temperature : -55°C to +105°C

**\*How to order:**



|                   |         |
|-------------------|---------|
| Unit:mm           |         |
| Part Number       | Dim 'A' |
| WPGH-164AN4FB2UWS | 2.5mm   |
| WPGH-164AN4FB3UWS | 3.0mm   |

Objects height is more than 15.35mm on the Daughter Card



on the P.C.B objects height is less than 4.60mm

objects height is less than 10.10mm on the P.C.B

|                                      |    |                           |     |             |  |      |  |  |                    |
|--------------------------------------|----|---------------------------|-----|-------------|--|------|--|--|--------------------|
| REV                                  |    | Rev The Name & The Handle |     | Drawing By  |  | Data |  | <br><small>www.allconnectors.eu   info@allconnectors.eu</small><br><small>Tel: +49 (0)711 / 358 110 20   Fax +49 (0)711 / 358 110 25</small> |                    |
| Units                                | mm | Scale                     | 1:1 | Reviewed By |  | Data |  |  |                    |
| Tolerance Unless Otherwise Specified |    |                           |     | Approval By |  | Data |  | Date   | 11/17/08           |
| .X ~ ±0.38                           |    |                           |     |             |  |      |  | Sheet  | 1 of 1             |
| .XX ~ ±0.25                          |    |                           |     |             |  |      |  | Title  |                    |
| .XXX ~ ±0.20                         |    |                           |     |             |  |      |  | PCI Express 164 Pin Connector  |                    |
| Angle ~ ± 3°                         |    |                           |     |             |  |      |  | Handle Type(Right Type)(15.35)   |                    |
|                                      |    |                           |     |             |  |      |  | Third Angle Projection   |                    |
|                                      |    |                           |     |             |  |      |  | Drawing No.  | WPGH-164PS-AN-W106 |
|                                      |    |                           |     |             |  |      |  | REV  | B                  |