

REV.	ECN.NO.	DATE
A	RELEASED	06/03/04
B	Add Subtract	05/30/06

**NOTES:**

**\*Material**

Body: Nylon66or46+30%G.F or PBT+30%G.F, UL 94V-0 Rated.  
 Color: White or Black  
 Contacts: Brass or Phosphor Bronze  
 Plating: Gold plating over Nickel on contact area;  
 Tin Plating on Solder tail.  
 CAV.NO.:A~H.

**\*Mechanical:**

Insertion Force: 1.15N max per contact pair;  
 Withdrawal Force: 0.15N min per contact pair;  
 Contact Retention Force: 4.9N min per contact;

**\*Electrical Specification**

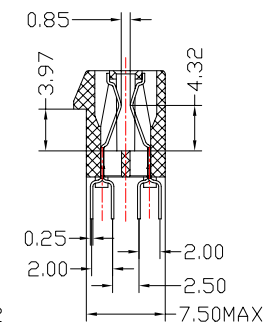
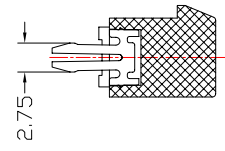
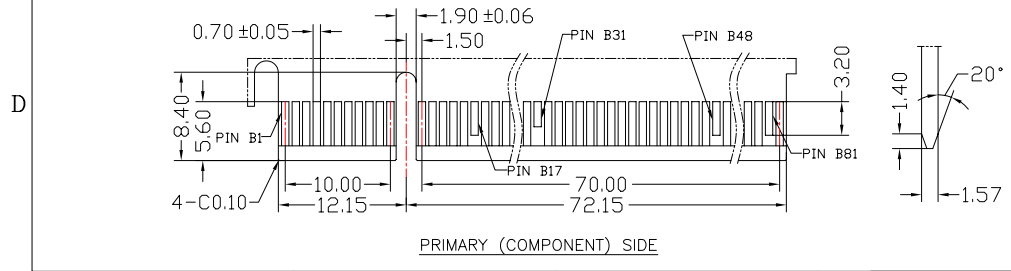
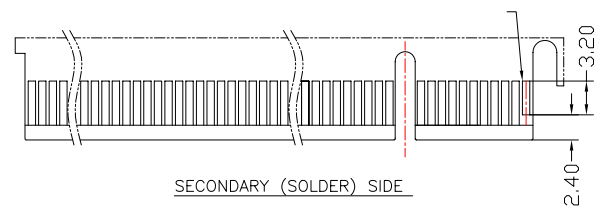
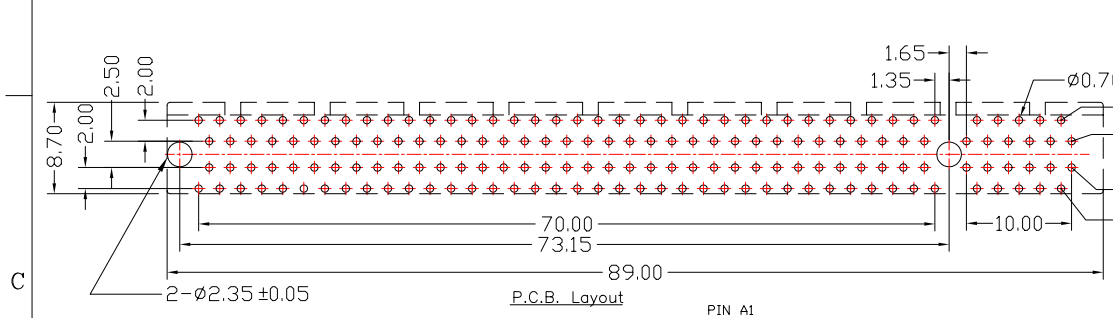
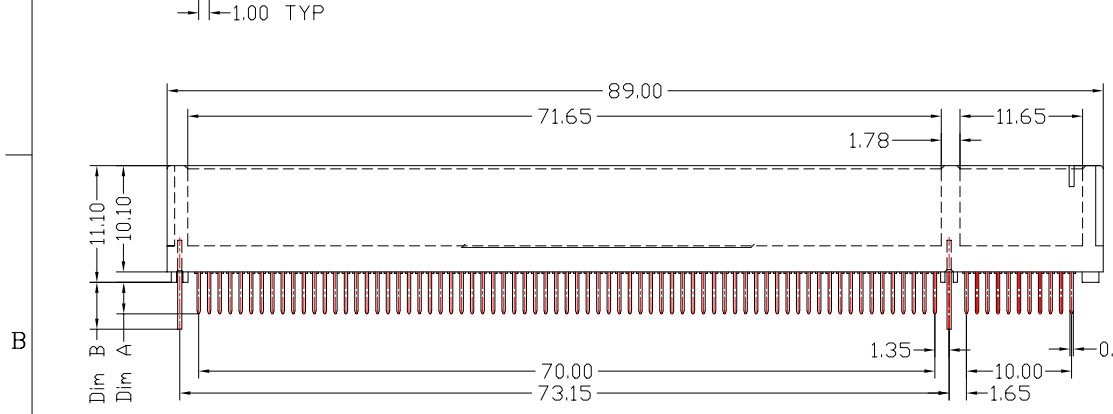
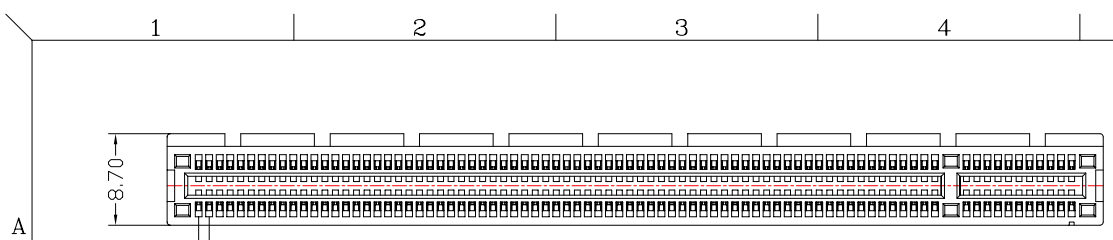
Contact Resistance : 30 Milliohms Max.  
 Current Resistance : 1.1 Ampere  
 Insulation Resistance : 1000 Megohms Min, At 500V AC.  
 Operating Temperature : -55°c to +105°c

**\*How to order:**

WPES-164 A N4 1 B 3 3 U S  
 PCI Express  
 Strip Form Pin  
 Number of Contact  
 Gold A:Flash B:5u" C:10u" D:15u" F:30u"  
 N:Nylon66 B:PBT N4:Nylon46  
 1:Black 3:White  
 S:Subtract  
 U:Lead Free  
 3:Metal Posts  
 2:Pin Length 2.5mm  
 3:Pin Length 3.0mm  
 B:Brass  
 P:Phosphor Bronze

Unit: mm

Part Number	Dim A	Dim B
WPES-164AN41B23UWS	2.5	3.75
WPES-164AN41B33UWS	3.0	4.45



REV	Add Subtract	Units	mm	Scale	Drawing By	Date
					Lulu	05/30/06
					Reviewed By	Date
					Roger	05/30/06
					Approval By	Date
					Richard	05/30/06

**All Connectors**  
www.allconnectors.eu | info@allconnectors.eu  
 Tel. +49 (0)711 / 358 110 20 | Fax +49 (0)711 / 358 110 25

Date	05/30/06	Title	PCI Express Connector 164 Pin Strip Form Pin (Metal Posts)
Sheet	1 of 1		
Third Angle Projection		Drawing No.	WPES-164PS-AN-W017
REV	B		