

# USB Connector Series



The Universal Serial Bus (USB) brings plug-and-play technology to the external input and output deviced found on today's high performance personal computers. USB provides three advanced features.

- Esae of use through hot plugging and automatic configuration.
- Standardized connector design.
- Simple expansion through the use of a tiered-star hub topology.

The newest USB technology provides "Plug and Play" capabilities for connecting PC to peripheral equipment. **ACON** introduces a completed line of Universal Serial Bus Plugs and Receptacles to meet all your demands.



- Full line of Universal Series Bus plugs and receptacles for ease of design.
  - Series A and B plugs and receptacles
  - SMT and Thru-Hole terminals for Board Mount receptacles
  - Single and Double Deck for Series A receptacle
- Fully complies to USB 2.0 specification and tested to meet/exceed USB 2.0 specification
  - Contact Resistance less than  $30m\Omega$  even after 1500 mating cycles
  - No discontinuities during Random Vibration Test (Sine wave; 30G; 3-Axis; Less than 1  $\mu$  sec discontinuity).
  - Pass Signal Attenuation Test with 400MHz in accordance with ASTM-D-4566
- ISO certified factories provide best quality assurance



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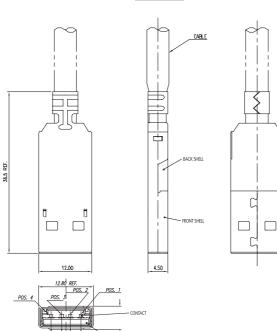
# **USB Connector A Type, Plug and Crimping Tail**

# PRODUCT CODE

 $\frac{\mathsf{UAC3} \ast}{\mathbb{O}} \cdot \frac{4}{\mathbb{Q}} \quad \frac{\ast}{\mathbb{Q}} \quad 0 \quad \frac{\ast}{\mathbb{Q}} \quad 0 \quad 0$ 



UAC38



REF.

2.50 REF.

7.00 REF.

#### **① CONNECTOR STYLE:**

UAC38 USB CONNECTOR, PLUG(SHORT BODY) WIRE-CRIMP TYPE FOR CABLE APPLICATION HARDWARE KITS FOR ASSEMBLY (LONG CLAMP) UAC39 USB CONNECTOR, PLUG(LONG BODY) WIRE-CRIMP TYPE FOR CABLE APPLICATION HARDWARE KITS FOR ASSEMBLY (ROUND CLAMP)

# ② NO. OF CONTACT:

4:4 POSITIONS

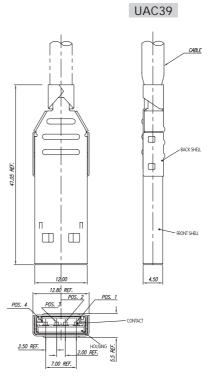
### **③ COLOR OF HOUSING:**

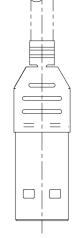
K : BLACK

W:WHITE

#### **@ PLATING OF SHELL**

- 1 FRONT SHELL : TIN-LEAD PLATING BACK SHELL : TIN-LEAD PLATING
- 2 FRONT SHELL : NICKEL PLATING BACK SHELL : NICKEL PLATING
- 4 FRONT SHELL : GOLD PLATING BACK SHELL : TIN-LEAD PLATING
- 5 FRONT SHELL : NICKEL PLATING BACK SHELL : TIN-LEAD PLATING



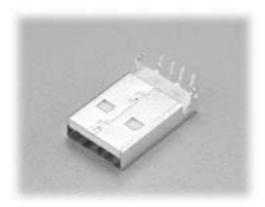


### 1

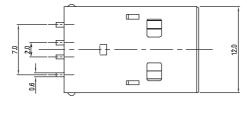


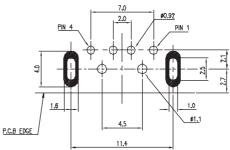
# USB Connector A Type, Plug Right Angle (Thru-Hole)

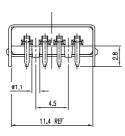
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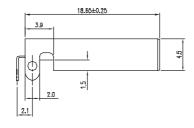


(1) CONNECTOR STYLE: UAR10 : USB CONNECTOR, PLUG, RIGHT ANGLE, THROUGH HOLE (2) NO. OF CONTACT: 4 : 4 POSITIONS(3) COLOR OF HOUSING: K : BLACK W : WHITE(4) CONTACT PLATING THICKNESS:  $2 : 5 \mu$ " GOLD PLATING  $5 : 30 \mu$ " GOLD PLATING (5) PLATING OF SHELL 1 TIN PLATING W/O LOGO







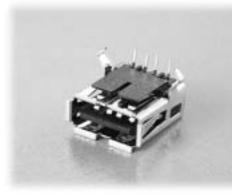




# USB Connector A Type, Receptacle Right Angle and Single Deck (Thru-Hole)

# PRODUCT CODE

 $\frac{\mathsf{UAR2}^{\ast}}{\textcircled{1}} \cdot \frac{4}{\textcircled{2}} \quad \overset{\ast}{\textcircled{3}} \quad \overset{\ast}{\textcircled{4}} \quad \overset{\ast}{\textcircled{5}} \quad \overset{\ast}{\textcircled{6}} \quad \overset{\circ}{\textcircled{6}}$ 

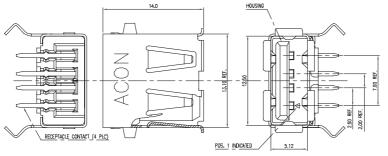


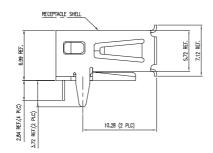
### 0 connector style:

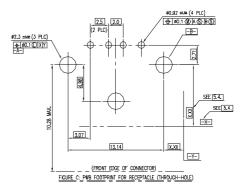
- UAR27 : USB CONNECTOR, RECEPTACLE, RIGHT ANGLE, SINGLE DECK THROUGH HOLE
- UAR2A : USB CONNECTOR, RECEPTACLE, RIGHT ANGLE, SINGLE DECK THROUGH HOLE, WITH BACK SHELL
- UAR2G : USB CONNECTOR, RECEPTACLE, RIGHT ANGLE, SINGLE DECK THROUGH HOLE, REVERSE TYPE
- 0 NO. OF CONTACT:
  - 4:4 POSITIONS
- **③ COLOR OF HOUSING:** 
  - K : BLACK
  - W:WHITE
  - N: NATURE(JUST FOR HIGH-TEMP)
- **④ CONTACT PLATING THICKNESS:** 
  - 2:5 μ"GOLD PLATING
    - 5:30 µ" GOLD PLATING

### **⑤ PLATING OF SHELL**

- 1 TIN-LEAD PLATING W/O LOGO
- 3 TIN-LEAD PLATING WITH ACON LOGO
- 4 GOLD PLATING W/O LOGO
- **6 MATERIAL OF HOUSING** 
  - O PBT
    - 1 PA-6T (HIGH-TEMP PLASTIC)









# USB Connector A Type, Receptacle Right Angle and Single Deck (SMT)

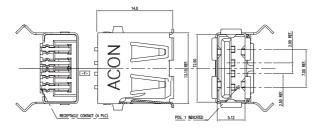
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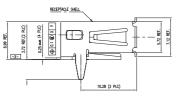
 $\frac{UAR4*}{1} - \frac{4}{2} \frac{*}{3} \frac{*}{4} \frac{*}{5} 0 0$ 

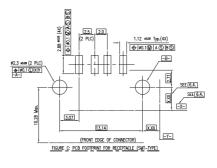


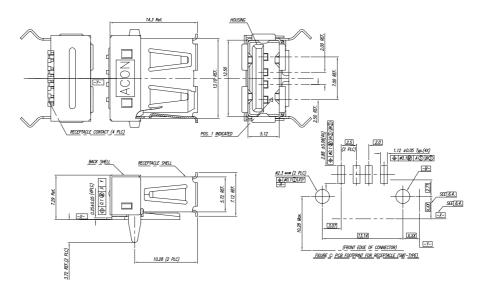
#### ① CONNECTOR STYLE:

- UAR41 : USB CONNECTOR, RECEPTACLE, RIGHT ANGLE, SINGLE DECK SMT TYPE
- UAR42 : USB CONNECTOR, RECEPTACLE, RIGHT ANGLE, SINGLE DECK SMT TYPE, WITH BACK SHELL
- ② NO. OF CONTACT:
  - 4:4 POSITIONS
- **③ COLOR OF HOUSING:** 
  - K:BLACK
  - N:NATURE
- **④ CONTACT PLATING THICKNESS:** 
  - 2:5 µ" GOLD PLATING
  - 5:30 μ" GOLD PLATING
- **5 PLATING OF SHELL** 
  - 1 TIN-LEAD PLATING W/O LOGO 3 TIN-LEAD PLATING WITH ACON LOGO











# USB Connector A Type, Receptacle Right Angle and Double Deck (Thru-Hole)

# **PRODUCT CODE**

UAR6\*-8 \*\*\*\* 0  $\overline{2}$   $\overline{3}$   $\overline{4}$   $\overline{5}$   $\overline{6}$  $\bigcirc$ 



#### ① CONNECTOR STYLE:

UAR62 : USB CONNECTOR, RECEPTACLE, RIGHT ANGLE, DOUBLE DECK THROUGH HOLE, WITH BACK SHELL

- UAR64 : USB CONNECTOR, RECEPTACLE, RIGHT ANGLE, DOUBLE DECK THROUGH HOLE, W/O BACK SHELL
- ② NO. OF CONTACT:

8:8 POSITIONS

#### **③ COLOR OF HOUSING:**

K:BLACK

W: WHITE

### **④ CONTACT PLATING THICKNESS:**

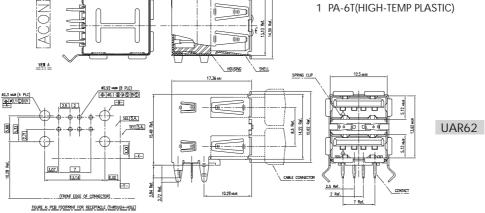
- $2:5\mu$ " GOLD PLATING
- 5:30  $\mu$  " GOLD PLATING

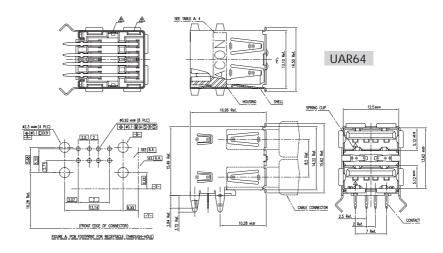
#### **⑤ PLATING OF SHELL**

- 1 TIN-LEAD PLATING W/O LOGO
- 3 TIN-LEAD PLATING WITH ACON LOGO

#### **6 MATERIAL OF HOUSING**

- O PBT
- 1 PA-6T(HIGH-TEMP PLASTIC)







# USB Connector A Type, Plug Right Angle (SMT)

 $\frac{\text{PRODUCT CODE}}{\overset{1}{_{\tiny \tiny $0$}}} \frac{4}{_{\tiny $2$}} \frac{*}{_{\tiny $3$}} \frac{*}{_{\tiny $4$}} \frac{*}{_{\tiny $5$}} \frac{*}{_{\tiny $0$}} \frac{*}{_{\tiny $5$}} \frac{*}{_{\tiny $6$}} \frac{*}{_{\tiny $5$}} \frac{*}{_{\tiny $6$}} \frac{*}{_{\tiny $6$$ 



: Connector style:

UAR70 : USB CONNECTOR, PLUG, RIGHT ANGLE,

SMT TYPE

UAR72 : USB CONNECTOR, PLUG, RIGHT ANGLE, SMT TYPE, SHORT BOARD LOCK TYPE

② NO. OF CONTACT:

4:4 POSITIONS

③ COLOR OF HOUSING:

K : BLACK

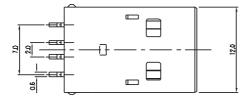
N:NATURE

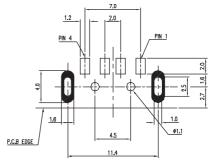
④ CONTACT PLATING THICKNESS: 2:5 μ" GOLD PLATING

5:30 μ" GOLD PLATING

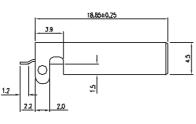
### **⑤ PLATING OF SHELL**

C TIN PLATING W/O LOGO



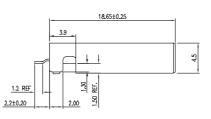






UAR70

UAR72

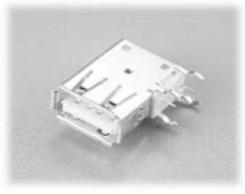




# USB Connector A Type, Receptacle Up-Right and Single Deck (Thru-Hole)

## **PRODUCT CODE**

 $\frac{\mathsf{UAR8} \ast}{\textcircled{1}} \cdot \frac{4}{\textcircled{2}} \quad \frac{\ast}{\textcircled{3}} \quad \frac{\ast}{\textcircled{4}} \quad \frac{\ast}{\textcircled{5}} \quad \frac{\ast}{\textcircled{6}} \quad 0$ 



### ① CONNECTOR STYLE:

UAR80 : USB CONNECTOR, RECEPTACLE, UP RIGHT, SINGLE DECK THROUGH HOLE

- ② NO. OF CONTACT:
  - 4:4 POSITIONS
- **③ COLOR OF HOUSING:** 
  - K:BLACK

W: WHITE

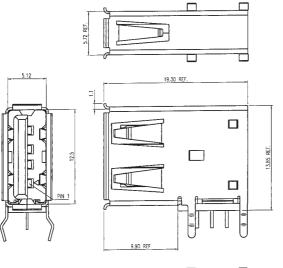
- **④ CONTACT PLATING THICKNESS:** 
  - 2:5 μ" GOLD PLATING
    - 5:30 µ" GOLD PLATING

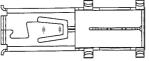
### **⑤ PLATING OF SHELL**

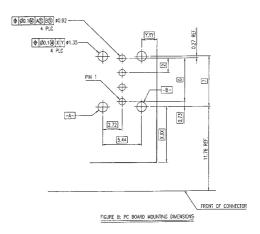
- 1 TIN-LEAD PLATING W/O LOGO
- 3 TIN-LEAD PLATING WITH ACON LOGO

### **6 MATERIAL OF HOUSING**

- O PBT
- 1 PA-6T(HIGH-TEMP PLASTIC)





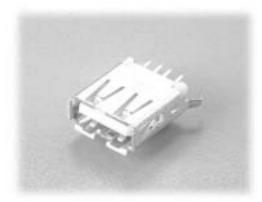




# USB Connector A Type, Receptacle Vertical and Single Deck (Thru-Hole)

# PRODUCT CODE

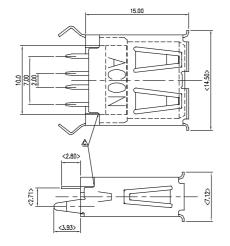
 $\frac{\mathsf{UAS2}}{\mathbb{O}} - \frac{4}{\mathbb{O}} \times \frac{*}{\mathbb{O}} \times \frac{*}{\mathbb{O}}$ 

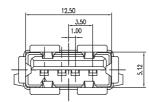


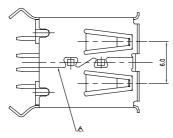
 CONNECTOR STYLE: UAS21 : USB CONNECTOR, RECEPTACLE, VERTICAL, SINGLE DECK THROUGH HOLE
 NO. OF CONTACT: 4 : 4 POSITIONS
 COLOR OF HOUSING: K : BLACK W : WHITE
 CONTACT PLATING THICKNESS: 2 : 5 μ" GOLD PLATING 5 : 30 μ" GOLD PLATING

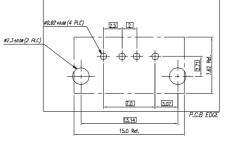
#### **⑤ PLATING OF SHELL**

- 1 TIN-LEAD PLATING W/O LOGO
- 3 TIN-LEAD PLATING WITH ACON LOGO









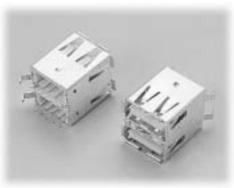
RECOMMENDED P.C. BOARD LAYOUT



# USB Connector A Type, Receptacle Vertical and Double Deck (Thru-Hole)

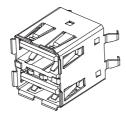
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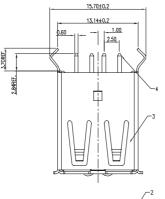
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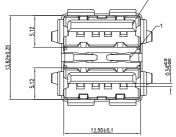


**① CONNECTOR STYLE:** UAS61 : USB CONNECTOR, RECEPTACLE, VERTICAL, DOUBLE DECK THROUGH HOLE ② NO. OF CONTACT: 8:8 POSITIONS **③ COLOR OF HOUSING:** K : BLACK W:WHITE **④ CONTACT PLATING THICKNESS:** 2:5μ" GOLD PLATING 5:30 µ" GOLD PLATING **⑤ PLATING OF SHELL** 1 TIN-LEAD PLATING W/O LOGO **6 MATERIAL OF HOUSING** O PBT **② LENGTH OF SOLDER TAIL** 

0 2.84mm







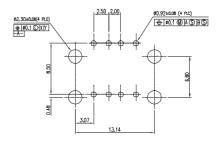
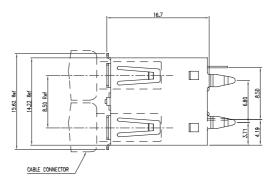


FIGURE A: PCB FOOTPRINT FOR RECEPTACLE (THROUGH-HOLE)

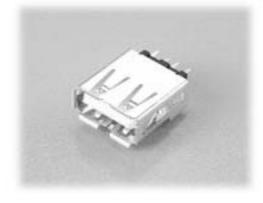


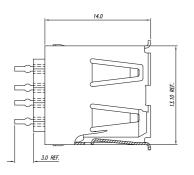


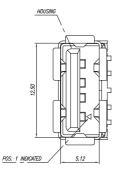
# USB Connector A Type, Receptacle and Solder Tail

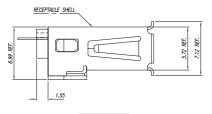
# PRODUCT CODE

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### Connector style:

UAW21 : USB CONNECTOR, RECEPTACLE WIRE-SOLDER TYPE FOR CABLE APPLICATION HARDWARE KITS FOR OVERMOLD UAW22 : USB CONNECTOR, RECEPTACLE WIRE-SOLDER TYPE FOR CABLE APPLICATION

HARDWARE KITS FOR OVERMOLD, WITH GROUND BAR

### ② NO. OF CONTACT:

4:4 POSITIONS

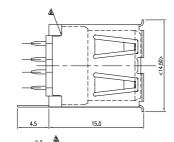
③ COLOR OF HOUSING:

K:BLACK

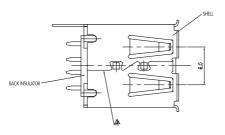
W:WHITE

# $\textcircled{\sc 0}$ Contact plating thickness:

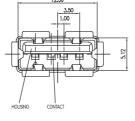
- $2:5\,\mu$  " GOLD PLATING
- 5:30  $\mu$  " GOLD PLATING
- **⑤ PLATING OF SHELL** 
  - 1 TIN-LEAD PLATING
  - 4 GOLD PLATING
  - 9 NICKEL PLATING







# UAW22





# USB Connector A Type, Plug and Solder Tail

### PRODUCT CODE

 $\frac{\mathsf{U}\mathsf{A}\mathsf{W}\mathsf{3}\ast}{\mathbb{O}} \cdot \frac{4}{2} \cdot \frac{\ast}{3} \cdot \frac{\ast}{4} \cdot \frac{\ast}{5} \cdot \frac{\ast}{6} \mathsf{O}$ 



### ① CONNECTOR STYLE:

- UAW16 : USB CONNECTOR, PLUG(SHORT BODY) WIRE-CRIMP TYPE FOR CABLE APPLICATION
  - Hardware Kits for Assembly (Long Clamp)
- UAW38 : USB CONNECTOR, PLUG(SHORT BODY) WIRE-SOLDER TYPE FOR CABLE APPLICATION HARDWARE KITS FOR ASSEMBLY (LONG ROUND CLAMP)
- UAW3E : USB CONNECTOR, PLUG(LONG BODY) WIRE-SOLDER TYPE FOR CABLE APPLICATION HARDWARE KITS FOR ASSEMBLY (ROUND CLAMP)

# ② NO. OF CONTACT:

- 4:4 POSITIONS
- **③ COLOR OF HOUSING:** 
  - K: BLACK
    - W:WHITE

### **④ CONTACT PLATING THICKNESS:**

- 2:5 μ" GOLD PLATING
  - 5:30  $\mu$  " GOLD PLATING

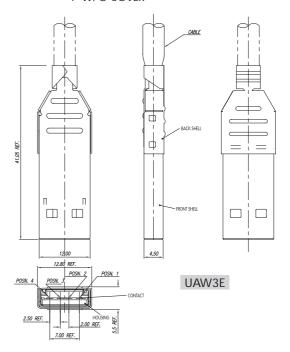
### **⑤ PLATING OF SHELL**

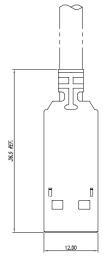
- 1 FRONT SHELL : TIN-LEAD PLATING BACK SHELL : TIN-LEAD PLATING
- 2 FRONT SHELL : NICKEL PLATING BACK SHELL : NICKEL PLATING
- 4 FRONT SHELL : GOLD PLATING BACK SHELL : TIN-LEAD PLATING
- 5 FRONT SHELL : NICKEL PLATING BACK SHELL : TIN-LEAD PLATING



### © COVER

0 WITH COVER 1 W/O COVER







UAW38



# USB Connector B Type, Plug and Crimping Tail

# PRODUCT CODE

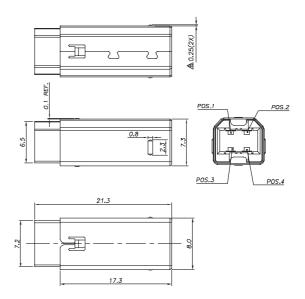
 $\frac{\mathsf{UBC3} \ast}{\textcircled{1}} \cdot \frac{4}{\textcircled{2}} \frac{\ast}{\textcircled{3}} \circ \frac{\ast}{\textcircled{4}} \circ \circ$ 



# 

### ① CONNECTOR STYLE:

- UBC11 : USB CONNECTOR, PLUG(LONG BODY) WIRE-CRIMP TYPE FOR CABLE APPLICATION HARDWARE KITS FOR OVERMOLD (LONG CLAMP)
- UBC32 : USB CONNECTOR, PLUG(SHORT BODY) WIRE-CRIMP TYPE FOR CABLE APPLICATION HARDWARE KITS FOR ASSEMBLY & OVERMOLD (LONG CLAMP)
- ② NO. OF CONTACT:
  - 4:4 POSITIONS
- **③ COLOR OF HOUSING:** 
  - K: BLACK
  - W:WHITE
- **④ PLATING OF SHELL** 
  - 0 NO SHELL
  - 1 FRONT SHELL : TIN-LEAD PLATING BACK SHELL : TIN-LEAD PLATING
  - 2 FRONT SHELL : NICKEL PLATING BACK SHELL : NICKEL PLATING
  - 4 FRONT SHELL : GOLD PLATING BACK SHELL : TIN-LEAD PLATING
  - 5 FRONT SHELL : NICKEL PLATING BACK SHELL : TIN-LEAD PLATING



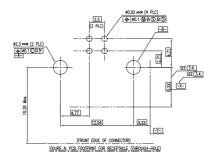


# USB Connector B Type, Receptacle Right Angle and Single Deck (Thru-Hole)

### **PRODUCT CODE**

 $\frac{\mathsf{UBR2} \ast}{\mathbb{O}} \cdot \frac{4}{\mathbb{O}} \quad \frac{\ast}{\mathbb{O}} \quad \frac{\ast}{\mathbb{O$ 





#### **① CONNECTOR STYLE:**

- UBR24 : USB CONNECTOR, RECEPTACLE, RIGHT ANGLE, SINGLE DECK THROUGH HOLE, W/O BACK SHELL
- UBR26 : USB CONNECTOR, RECEPTACLE, RIGHT ANGLE, SINGLE DECK THROUGH HOLE, WITH BACK SHELL
- UBR28 : USB CONNECTOR, RECEPTACLE, RIGHT ANGLE, SINGLE DECK THROUGH HOLE, REVERSE TYPE
- ② NO. OF CONTACT:
  - 4:4 POSITIONS

#### **③ COLOR OF HOUSING:**

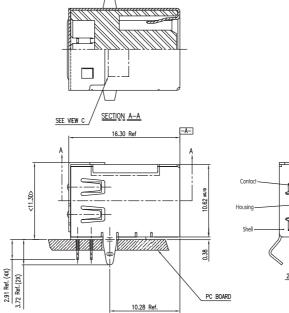
- K:BLACK
- W:WHITE
- N: NATURE(JUST FOR HI-TEMP)

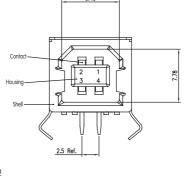
#### **④ CONTACT PLATING THICKNESS:**

- 2:5 $\mu$ " GOLD PLATING
- 5:30  $\mu$ " GOLD PLATING

#### **5 PLATING OF SHELL**

- 1 TIN-LEAD PLATING W/O LOGO
- 3 TIN-LEAD PLATING WITH ACON LOGO
- **6** MATERIAL OF HOUSING
  - O PBT
    - 1 PA-6T (HIGH-TEMP PLASTIC)







# USB Connector B Type, Receptacle Right Angle and Single Deck (SMT)

PRODUCT CODE

 $\frac{\mathsf{UBR4} \ast}{\mathbb{O}} \cdot \frac{4}{\mathbb{O}} \cdot \frac{\ast}{\mathbb{O}} \cdot \frac{\ast}{\mathbb{O}} \cdot \frac{\ast}{\mathbb{O}} \cdot \frac{\ast}{\mathbb{O}} \cdot \frac{1}{\mathbb{O}} \cdot \frac{\ast}{\mathbb{O}}$ 



#### ① CONNECTOR STYLE:

UBR44 : USB CONNECTOR, RECEPTACLE, RIGHT ANGLE, SINGLE DECK SMT TYPE, WITH BACK SHELL UBR45 : USB CONNECTOR, RECEPTACLE, RIGHT ANGLE, SINGLE DECK SMT TYPE, W/O BACK SHELL

② NO. OF CONTACT:

4:4 POSITIONS

### 3 COLOR OF HOUSING:

K: BLACK

N : WHITE

**④ CONTACT PLATING THICKNESS:** 

1:0.8 μ" GOLD PLATING

5:30μ"GOLD PLATING

- **⑤ PLATING OF SHELL** 
  - C BRIGHT TIN W/O LOGO

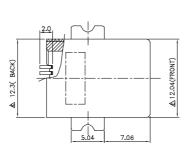
**6 PACKAGE** 

-A-

10.62± 0.25

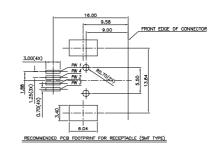
0 TAPE AND REEL

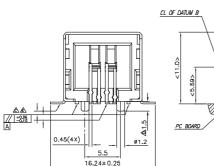
1 TRAY

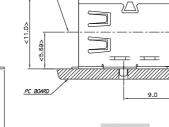


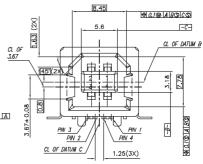
UBR44

16.0

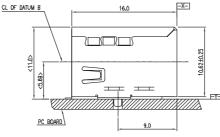














# USB Connector B Type, Receptacle Vertical and Single Deck (Thru-Hole)

# **PRODUCT CODE**

 $\frac{\mathsf{UBS2}{*}}{\textcircled{1}}{\cdot}\frac{4}{\textcircled{2}}{\cdot}\frac{*}{\textcircled{3}}\frac{*}{\textcircled{4}}\frac{*}{\textcircled{5}}{\cdot}00$ 



 ① CONNECTOR STYLE:
 UBS21 : USB CONNECTOR, RECEPTACLE, VERTICAL, SINGLE DECK THROUGH HOLE
 ② NO. OF CONTACT:

- 4:4 POSITIONS
- ③ COLOR OF HOUSING:
  - K: BLACK

W:WHITE

**④ CONTACT PLATING THICKNESS:** 

- 2:5μ" GOLD PLATING
  - 5:30  $\mu$ " GOLD PLATING

### **⑤ PLATING OF SHELL**

1 TIN-LEAD PLATING W/O LOGO

<u>⊾12.94±0.</u>

A14.70±0.2

3 TIN-LEAD PLATING WITH ACON LOGO

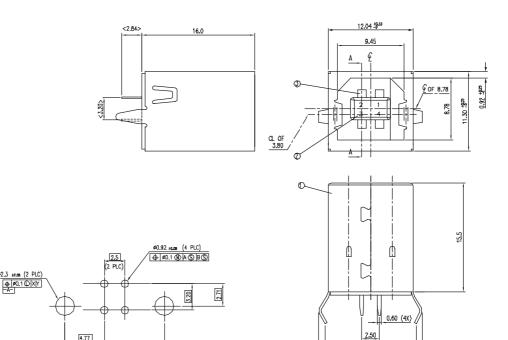


FIGURE & PCB FOOTPRINT FOR RECEPTACLE (THROUGH-HOLE)

12.04

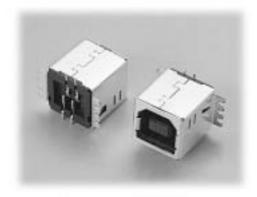
15



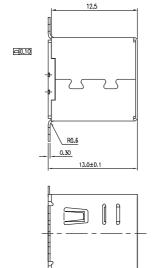
# USB Connector B Type, Receptacle Vertical and Single Deck (SMT)

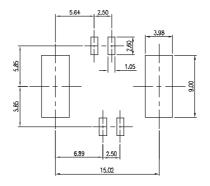
# **PRODUCT CODE**

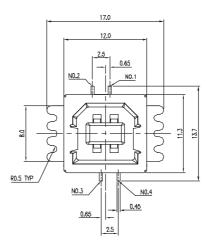
 $\frac{\mathsf{UBS4} \ast}{\mathbb{O}} \frac{4}{2} \frac{\ast}{3} \frac{\ast}{4} \frac{\ast}{5} \frac{\ast}{5} 0 0$ 



 CONNECTOR STYLE: UBS40 : USB CONNECTOR, RECEPTACLE, VERTICAL, SINGLE DECK SMT
 NO. OF CONTACT: 4 : 4 POSITIONS
 COLOR OF HOUSING: K : BLACK
 CONTACT PLATING THICKNESS: 2 : 5 μ" GOLD PLATING 5 : 30 μ" GOLD PLATING
 PLATING OF SHELL C TIN-LEAD PLATING W/O LOGO







16



# USB Connector B Type, Receptacle and Solder Tail

### PRODUCT CODE

 $\frac{\mathsf{U}\mathsf{B}\mathsf{W}\mathsf{2}{*}}{\textcircled{1}} \cdot \frac{4}{\textcircled{2}} \quad \frac{*}{\textcircled{3}} \quad \frac{*}{\textcircled{4}} \quad \frac{*}{\textcircled{5}} \quad 0 \quad 0$ 



#### ① CONNECTOR STYLE:

UBW21 : USB CONNECTOR, RECEPTACLE WIRE-SOLDER TYPE FOR CABLE APPLICATION HARDWARE KITS FOR OVERMOLD

- ② NO. OF CONTACT:
  - 4:4 POSITIONS

③ COLOR OF HOUSING: K : BLACK W : WHITE

**④ CONTACT PLATING THICKNESS:** 

 $2:5\,\mu"$  GOLD PLATING

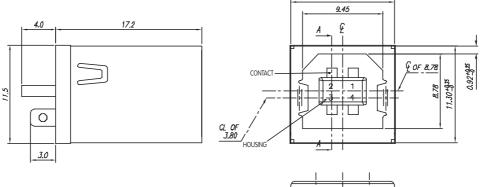
5:30 μ" GOLD PLATING

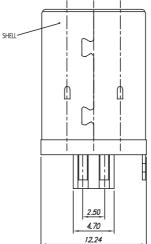
### **⑤ PLATING OF SHELL**

12.04 -0 25

1 TIN-LEAD PLATING

2 NICKEL PLATING







# USB Connector B Type, Plug and Solder Tail

# **PRODUCT CODE**

 $\frac{\mathsf{U}\mathsf{B}\mathsf{W}\mathsf{3}}{\textcircled{1}} \cdot \frac{\mathsf{4}}{\textcircled{2}} \quad \overset{*}{\textcircled{3}} \quad \overset{*}{\textcircled{4}} \quad \overset{*}{\textcircled{5}} \quad \mathsf{0} \quad \mathsf{0}$ 



#### ① CONNECTOR STYLE:

- UBW11 : USB CONNECTOR, PLUG(LONG BODY) WIRE-SOLDER TYPE FOR CABLE APPLICATION HARDWARE KITS FOR OVERMOLD (LONG CLAMP) UBW32 : USB CONNECTOR, PLUG(SHORT BODY) WIRE- SOLDER TYPE FOR CABLE APPLICATION HARDWARE KITS FOR ASSEMBLY & OVERMOLD (LONG CLAMP)
- ② NO. OF CONTACT:

4:4 POSITIONS

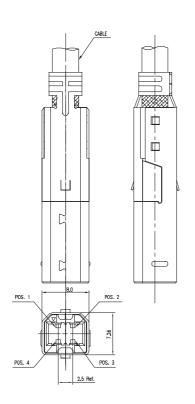
- **③ COLOR OF HOUSING:** 
  - K : BLACK

W:WHITE

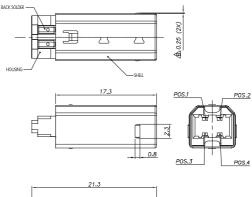
- **④ CONTACT PLATING THICKNESS:** 
  - 2:5 μ" GOLD PLATING
    - 5:30 µ" GOLD PLATING

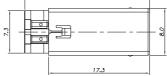
#### **5 PLATING OF SHELL**

- 0 NO SHELL
- 1 FRONT SHELL : TIN-LEAD PLATING BACK SHELL : TIN-LEAD PLATING
- 2 FRONT SHELL : NICKEL PLATING BACK SHELL : NICKEL PLATING
- 4 FRONT SHELL : GOLD PLATING BACK SHELL : TIN-LEAD PLATING
- 5 FRONT SHELL : NICKEL PLATING BACK SHELL : TIN-LEAD PLATING







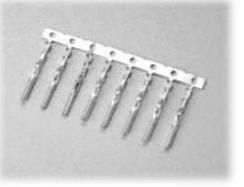




# USB Plug Contact, Crimping Tail Type

# PRODUCT CODE

 $\frac{\text{T-UAC10}}{\textcircled{0}} \cdot \frac{\cancel{2}}{\cancel{2}} \cdot \frac{\cancel{3}}{\cancel{3}} \cdot 0 \quad 0$ 



#### ① CONNECTOR STYLE:

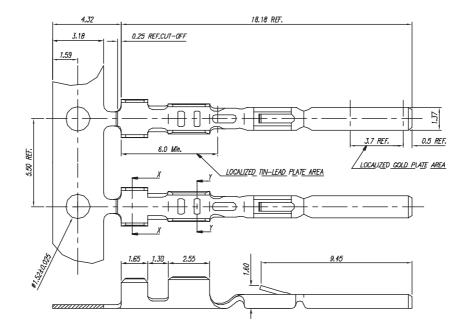
T-UAC10 : USB PLUG CONTACT, CRIMPING TAIL TYPE ② **TYPE OF CONTACT**:

- 1:24 AWG; OD:1.03~1.17
- 2:26~28 AWG; OD:0.79~1.05
- 5:20~22 AWG; OD:1.23~1.58

3 contact plating thickness:

2:5  $\mu$ " GOLD PLATING

5:30  $\mu$  " GOLD PLATING



please fill in the formation below and send it to us at ranced-Connectek Inc. 1F, NO.2, ALLEY 9, LANE 45, PAO-HSIN RD., HSIN-TIEN, TAIPEI, TAIWAN FOR IMMEDIATE ATTENTION, FAX: 886-2-2911-5268, 2917-2480, TEL: 886-2-2917-5598 NAME:	For information on our ex	xtensive line of total solutions,
FOR IMMEDIATE ATTENTION, FAX: 886-2-2911-5268, 2917-2480, TEL: 886-2-2917-5598 NAME:	please fill in the formation	on below and send it to us at
NAME:	vanced-Connectek Inc. 1F, NO.2, ALLEY 9, LAN	NE 45, PAO-HSIN RD., HSIN-TIEN, TAIPEI, TAIWAN
COMPANY NAME:	FOR IMMEDIATE ATTENTION, FAX: 886-2-2	2911-5268, 2917-2480, TEL: 886-2-2917-5598
ADDRESS:		TITLE:
ADDRESS:	COMPANY NAME:	
TEL:       FAX:         E-mail:		
COMPANY INFORMATION      Importer      Manufacturer     DARKET/DISTRIBUTION CHANNELS WE SELL CHA     Manufacturer     Distributor     Manufacturer     Distributor     Manufacturer     Distributor     Manufacturer     Distributor     Mumber Of Employees     Distributor     D		
Importer       Wholesaler       Manufacturer       Distributor       Designer       OEM       Other         MARKET/DISTRIBUTION CHANNELS WE SELL TO:       Importer       Importer       Other       Importer       Other         Manufacturer       Distributor       End User       Designer       Retailer       Other         Manufacturer       Distributor       End User       Designer       Retailer       Other         Mumber OF EMPLOYEES:       Importer       Importer       Importer       Other         DELOW 10       11-50       501-100       1001-5000       5001 UP         DER MAIN PRODUCT LINES ARE:       Importer       Importer       Importer         DELOW 10       Int-50       501-100       Importer       Importer         DELOW 10       Int-50       Stone       Importer       Importer         DELOW 10       Int-50       Stone       Importer       Importer         DELOW 10       Int-50       Stone       Importer	E-mail:	
MARKET/DISTRIBUTION CHANNELS WE SELL TO:         Manufacturer       Distributor       End User       Designer       Retailer       Other         MUMBER OF EMPLOYEES:       DBELOW 10       101-50       501-100       1001-5000       5001 UP         DELOW 10       11-50       51-100       501-1000       1001-5000       5001 UP         DEASE SEND ME MORE INFORMATION UN THE FOLLOWING PRODUCT(S)         LCD Connectors       Fiber Optical Components         SCSI/1, I, I, II Connectors       Notebook Connectors         ULTRA SCSI Connectors       DVI Connectors         D-Sub Connectors       Mobile Phone Connectors         Bibbon Connectors       1394 Connectors         Mini USB       USB Connectors         Slim D-SUB Connectors       VHDCI	COMPANY	INFORMATION
<ul> <li>Manufacturer □ Distributor □ End User □ Designer □ Retailer □ Other</li> <li>NUMBER OF EMFLOYEES:</li> <li>DELOW 10 □ 11-50 □ 51-100 □ 501-1000 □ 1001-5000 □ 5001 UP</li> <li>DUR MAIN PRODUCT LINES ARE:</li> </ul> PLEASE SEND ME MORE INFORMATION IN THE FOLLOWING PRODUCT(S) <ul> <li>DLCD Connectors</li> <li>Fiber Optical Components</li> <li>SCSI/I, II, III Connectors</li> <li>DVI CON</li> </ul>	🗌 Importer 🗌 Wholesaler 🗌 Manufacture	r 🗌 Distributor 🗌 Designer 🗌 OEM 🗌 Other
NUMBER OF EMPLOYEES:         BELOW 10       11-50       501-100       1001-5000       5001 UP         OUR MAIN PRODUCT LINES ARE:         PLEASE SEND ME MORE INFORMATION ON THE FOLLOWING PRODUCT(S)         LCD Connectors       Fiber Optical Components         SCSI/1, II, III Connectors       Notebook Connectors         ULTRA SCSI Connectors       DVI Connectors         D-Sub Connectors       DVI Connectors         Ribbon Connectors       PCMCIA Card Kits         Memory Card Connectors       1394 Connectors         Mini USB       USB Connectors         Slim D-SUB Connectors       VHDCI	MARKET/DISTRIBUTIO	N CHANNELS WE SELL TO:
BELOW 10 11-50 51-100 501-1000 1001-5000 5001 UP   OUR MAIN PRODUCT LINES ARE:   PLEASE SEND ME MORE INFORMATION ON THE FOLLOWING PRODUCT(S)     LCD Connectors Fiber Optical Components     SCSI/I, II, III Connectors Notebook Connectors     ULTRA SCSI Connectors DVI Connectors     D-Sub Connectors Mobile Phone Connectors     Nobibon Connectors PCMCIA Card Kits     Memory Card Connectors 1394 Connectors     Mini USB USB Connectors     Slim D-SUB Connectors VHDCI	🗌 Manufacturer 🗌 Distributor 🗌 En	nd User 🗌 Designer 🗌 Retailer 🗌 Other
OUR MAIN PRODUCT LINES ARE:         PLEASE SEND ME MORE INFORMATION ON THE FOLLOWING PRODUCT(S)         \LCD Connectors       Fiber Optical Components         \SCSI/I, II, II Connectors       Notebook Connectors         \ULTRA SCSI Connectors       DVI Connectors         \DSub Connectors       Mobile Phone Connectors         \CDE Optical Connectors       PCMCIA Card Kits         \Memory Card Connectors       1394 Connectors         \Mini USB       USB Connectors         \Slim D-SUB Connectors       VHDCI	NUMBER O	OF EMPLOYEES:
PLEASE SEND ME MORE INFORMATION ON THE FOLLOWING PRODUCT(S)	□ BELOW 10 □ 11-50 □ 51-100 [	☐ 501-1000  ☐ 1001-5000  ☐ 5001 UP
LCD ConnectorsFiber Optical ComponentsSCSI/I, II, III ConnectorsNotebook ConnectorsULTRA SCSI ConnectorsDVI ConnectorsD-Sub ConnectorsMobile Phone ConnectorsRibbon ConnectorsPCMCIA Card KitsMemory Card Connectors1394 ConnectorsMini USBUSB ConnectorsSlim D-SUB ConnectorsVHDCI	OUR MAIN PR	ODUCT LINES ARE:
SCSI/I, II, III Connectors Notebook Connectors   ULTRA SCSI Connectors DVI Connectors   D-Sub Connectors Mobile Phone Connectors   Ribbon Connectors PCMCIA Card Kits   Memory Card Connectors 1394 Connectors   Mini USB USB Connectors   Slim D-SUB Connectors VHDCI	PLEASE SEND ME MORE INFORMAT	ION ON THE FOLLOWING PRODUCT(S)
<ul> <li>ULTRA SCSI Connectors</li> <li>D-Sub Connectors</li> <li>Ribbon Connectors</li> <li>Memory Card Connectors</li> <li>Mini USB</li> <li>Slim D-SUB Connectors</li> <li>VHDCI</li> </ul> OUR PURCHASE TIME FRAME IS:	—	
<ul> <li>D-Sub Connectors</li> <li>Ribbon Connectors</li> <li>Memory Card Connectors</li> <li>Mini USB</li> <li>Slim D-SUB Connectors</li> <li>VHDCI</li> </ul> OUR PURCHASE TIME FRAME IS:		—
<ul> <li>Ribbon Connectors</li> <li>Memory Card Connectors</li> <li>Mini USB</li> <li>Slim D-SUB Connectors</li> <li>VHDCI</li> </ul> OUR PURCHASE TIME FRAME IS:		—
<ul> <li>Memory Card Connectors</li> <li>Mini USB</li> <li>Slim D-SUB Connectors</li> <li>VHDCI</li> </ul> OUR PURCHASE TIME FRAME IS:		
<ul> <li>Mini USB</li> <li>Slim D-SUB Connectors</li> <li>VHDCI</li> </ul> OUR PURCHASE TIME FRAME IS:	—	—
□ Slim D-SUB Connectors □ VHDCI OUR PURCHASE TIME FRAME IS:	,	—
OUR PURCHASE TIME FRAME IS:	🗌 Mini USB	USB Connectors
	Slim D-SUB Connectors	
🗌 Immediately 🗌 Within 3-6 months 🗌 Within 6-12 months 🗌 Within 12-24 months	OUR PURCHAS	SE TIME FRAME IS:
	🗌 Immediately 🗌 Within 3-6 months 🗌	Within 6-12 months 🗌 Within 12-24 months



#### HEAD OFFICE

1F, No.2, Alley9, Lane 45, Pao-Hsin Rd., Hisn-Tien, Taipei, Taiwan, R.O.C. Tel : 886-2-2917-5598 Fax : 886-2-2917-2480 E-mail: info@acon.com.tw http://www.acon.com.tw

Advanced Connectek (Long-Tan Plant) Inc.

1F., No.35, Bai-Nian Rd., Lung-Tan, Tao-Yuan, Taiwan, R.O.C. Tel: 886-3-489-4889 Fax: 886-3-489-5422 E-mail: sales@lungtan.acon.com.tw

#### Advanced Connectek U.S.A. Inc.

3002 Dow Ave., #224, Tustin Ca 92780, U.S.A. Tel: 1-714-573-1920 Fax: 1-714-573-1924 E-mail: info@acon.com http://www.acon.com

#### Advanced Connectek Japan Inc.

Room 202, 1-13-12, ShinYokohama, Kohoku-Ku, Yokohama-City, Kanagawa, Klingelnberb Building Tel: 81-45-478-4380 Fax: 81-45-478-4381

#### Acon (H.K.) Corporation Ltd.

Room 1607, Shatin Galleria, 18-24 Shan Mei Street, Fotan Shatin, N.T., Hong Kong Tel: 852-2647-7109 Fax: 852-2637-3005 E-mail: sales@acon.com.hk

#### Advanced Connectek (Shen-Zhen) Inc.

Sung-Yuan Tsun, Kuan-Lan Chen, Pao-An Hsien, Shen-Zhen City, Guangdong, P.R.C. Tel: 86-755-801-0867, 801-3217, 802-4667 Fax: 86-755-802-2243 E-mail: sales@acon.com.cn

#### Advanced Connectek (Tian-Jin) Ltd.

3F., No.12, Tai-hua Rd., 5th Avenue, Teda Tain-Jin, P.R.C. Tel: 86-22-6620-3936, 6620-3937 Fax: 86-22-6620-3938 E-mail: salestj@acon.com.cn