
Product Change Notification (PCN)

Issue Date: **08/08/2017**
Modification/Revision Date: **08/08/2017**

USB

Change Notification: **PCN-US-20170801-USB**

Description of changes: **Change of Design**

1. Amendment of the specification
2. Change of design, see sheet 3 and 4
3. Listed drawing # replaces all prior drawings, see sheet 2

Date of change and Implementation: **Change: 08/08/2017**

Key Characteristics of Change: **Connector body has two posts.
Compatible with optional accessory.**

Products Affected: **A-USBPA-3**

Reason for Change: **Design change for wire holder clip
Retain wires and reduce strain on solder connections**

Response: **No response to this notification is required.**

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Reference Documents / Attachments:

Document: Drawing

Previous part number	Drawing number
A-USBPA-3	ASS_6591_COrev04

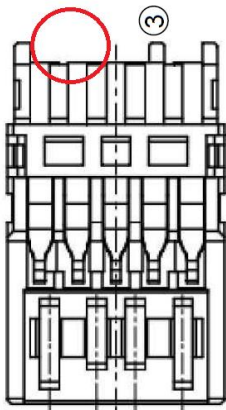
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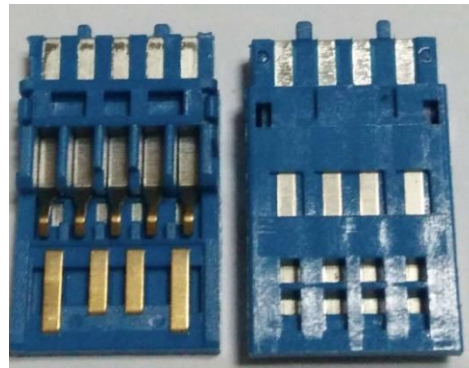
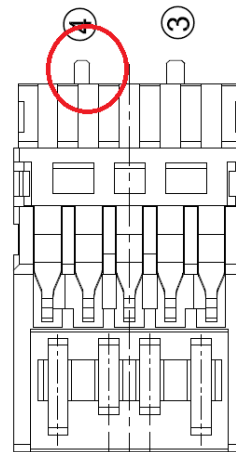
Old Version

New Version

With one post:



With two posts:



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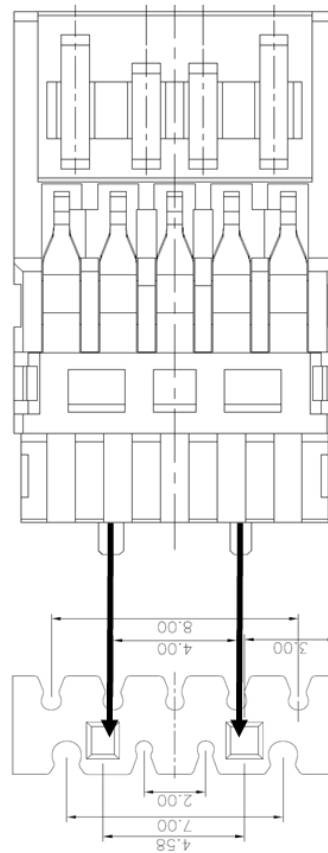
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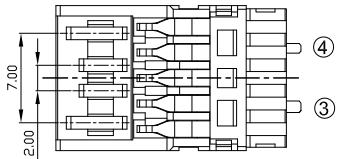
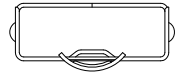
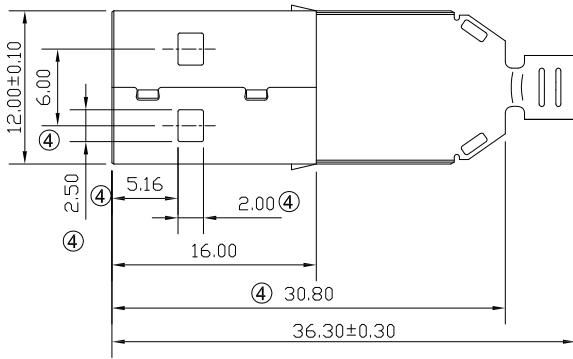
Old Version

New Version

No accessory option:

Optional wire-holder accessory:
Accessory part number: AUSB3-Z00-00B1
See page 5 to 7 for datasheet





NOTES:

1.MATERIAL:

- 1.1 HOUSING: PBT+30%G.F UL94V-0,BLUE COLOR.
- 1.2 5PIN CONTACTS: PHOSPHOR BRONZE.
- 1.3 4PIN CONTACTS: BRASS
- 1.4 SHELL: SPCC

2.FINISH:

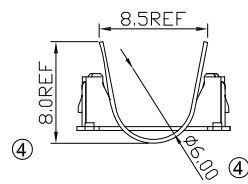
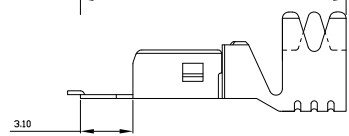
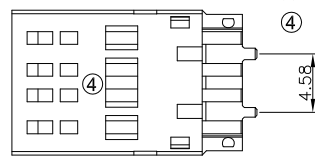
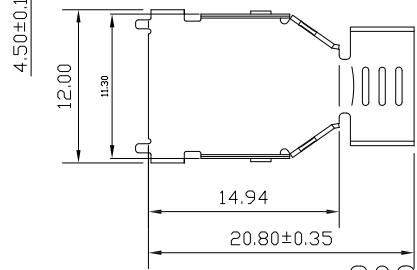
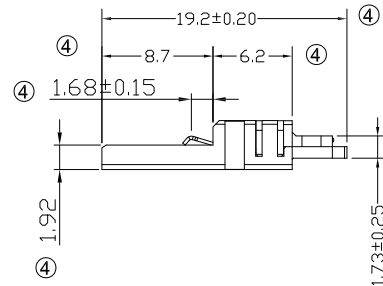
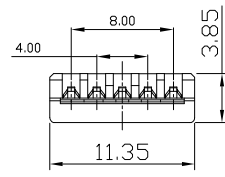
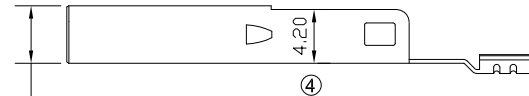
- 2.1 CONTACT:
 - ② CONTACT AREA: Au 15u"
 - SOLDER AREA: TIN PLATED
 - UNDER PLATE: NI PLATED
- 2.2 SHELL: NI PLATED

3. MECHANICAL:

- 3.1 MATING FORCE: 3.57kgf MAX.
- 3.2 UNMATING FORCE: 1.02kgf MIN
- 3.3 DURABILITY: 1500 CYCLES MIN

4. ELECTRICAL:

- 4.1 CURRENT RATING:1.0A.
- 4.2 DIELECTRIC STRENGTH: 500V AC FOR 1MINUTE.
- 4.3 CONTACT RESISTANCE: 30mΩ MAX.
- 4.4 INSULATION RESISTANCE: 100MΩ MIN
- 5. OPERATING TEMPERATURE: -55°C TO +85°C.



RoHS compliant
Unit: mm

Scale	FREE						Date	Name	Customer-No.
TOLERANCE		④	Update insulator shape and dimensional	11.08.2017	Fred	Drawn	24.09.2014	Joanna	ASSMANN WSW-No. A-USBPA-3
.x	±0.38	③	Update drawing	11.09.2015	Joanna	Approved	11.08.2017	Fred	
.xx	±0.25	②	Change gold plated	16.07.2015	Joanna				
.xxx	±0.1	①	Add page 2	20.05.2015	Joanna				Drawing-No.
DIM	TOL	①	Drawn	24.09.2014	Joanna				ASS 6591 CO
Angle	TOL	Id.	Modification	Date	Name			Replace	rev04
									Sheet 1/2



1

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3

4

5

6

7

A

A

B

B

C

C

D

D

E

E

F

F

Assembly process

RoHS compliant

Unit: mm

Scale	FREE						Date	Name	Customer-No.
TOLERANCE		④	Update insulation shape and dimensional	11.08.2017	Fred	Drawn	24.09.2014	Joanna	ASSMANN WSW-No. A-USBPA-3
.x	±0.38	③	Update drawing	11.09.2015	Joanna	Approved	11.08.2017	Fred	
.xx	±0.25	②	Change gold plated	16.07.2015	Joanna				
.xxx	±0.1	①	Add page 2	20.05.2015	Joanna				Drawing-No.
DIM	TOL	①	Drawn	24.09.2014	Joanna				ASS 6591 CO
Angle	TOL	Id.	Modification	Date	Name	Replace	Sheet	2/2	

G

G

H

H

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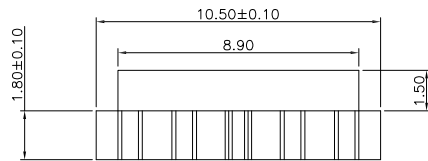
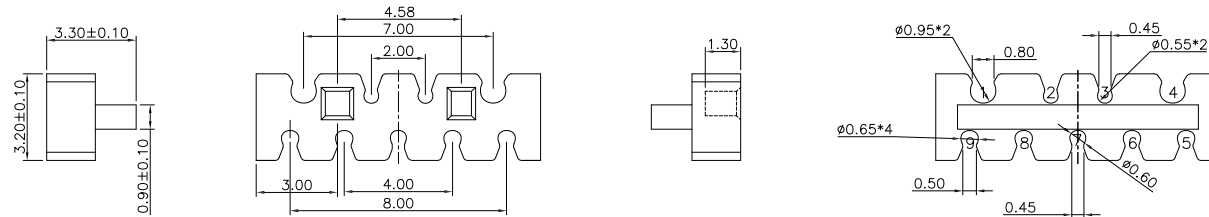
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UN14061



Material:PA66 Black

Pin1&4 Apply to WireØ: 1.0mm

Pin2&3 Apply to WireØ: 0.6mm

Pin5&6&8&9 Apply to WireØ: 0.7mm

Pin7 Apply to WireØ: 0.6mm

* This product is in matching with USB 3.0 connector, WSW P/N: A-USBPA-3

RoHS compliant

Unit: mm

Scale	Free						Date	Name	Customer-No.
TOLERANCE						Drawn	16.08.2017	Fred	
X.X	±0.30					Approved	16.08.2017	Fred	ASSMANN WSW-No.
X.XX	±0.20								AUSB3-Z00-00B1
X.XXX	±0.10								Drawing-No.
DIM	TOL							ASS 7751 CO	rev00
		①	Drawn	16.08.2017	Fred			Replace	
Angle	±3°	Id.	Modification	Date	Name				

1

2

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4

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