

Product Change Notification(PCN)

Issue Date: 18.05.2017
Modification / Revision Date: 18.05.2017

A-USB A-E USB 2.0, A-female, 2.00mm, 4pin, THT, 90°, vertical

Change Notification: PCN 20170517_A-USB A-E

Description of changes: Change of production plant
1. Change of dimension
2. Change of insulator material
3. Draw.-No. ASS_1413B_COrev07 substitutes ASS_1413B_COrev01

Date of change and Implementation: Change: Week 20 / 2017 [Datecode of production]
Implementation: 18.05.2017

Key Characteristics of Change: Material & Dimensions, see page 3

Products Affected: A-USB A-E

Reason for Change: Change of demension and material

Response : No response to this notification is required.

PCN Revision History:

Date of Revision: 18.05.2017

Revision Number: 00

page 1/

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Reference Documents / Attachments:

Document: Drawing

ASSMANN WSW P/N	Drawing Number
A-USB A-E	ASS_1413B_COrev07

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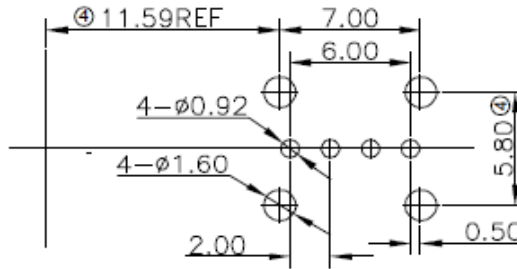
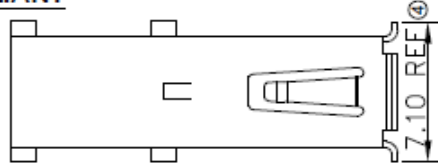
A-USB A-E Old version	A-USB A-E New version															
<p>NOTES:</p> <ol style="list-style-type: none"> Material: <ol style="list-style-type: none"> 1.1 Housing: PBT+30%GF UL94V-0, Color White 1.2 Cover: PBT +30%GF UL94V-0, Color White 1.3 Shell: Brass 1.4 Contact :Phosphor Bronze FINISH: <ol style="list-style-type: none"> 2.1 Contact Area: Selective 30u"Au Solder Area, Tin Plated Under: Ni Plated MECHANICAL: <ol style="list-style-type: none"> 3.1 Mating Force:3.57kgf Max, 3.2 Unmating Force:1.02kgf Min 3.3 Durability:1500 cycles Min ELECTRICAL: <ol style="list-style-type: none"> 4.1 Current Rating:1.5A 4.2 Dielectric Strength:500V AC FOR 1 MINUTE 4.3 Contact Resistance:30mΩ Max 4.4 Insulation Resistance:1000 MΩ Min <p>Ⓞ 6. For wave soldering temperature : 235°C±5°C for 5±1sec 7.PACKING: Tray</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td>WSW-P/N</td> <td>Contact Area plating</td> </tr> <tr> <td>A-USB A-E</td> <td>1u"Gold Flash Selective</td> </tr> <tr> <td>A-USB A-E-30</td> <td>30u"Gold Flash Selective</td> </tr> </table> <p style="text-align: center;">2</p>	WSW-P/N	Contact Area plating	A-USB A-E	1u"Gold Flash Selective	A-USB A-E-30	30u"Gold Flash Selective	<p>NOTES:</p> <ol style="list-style-type: none"> Material: <ol style="list-style-type: none"> 1.1 Housing: PBT+30%GF UL94V-0,Color White 1.2 Cover: PBT +30%GF UL94V-0,Color White 1.3 Shell: Brass 1.4 Contact :Phosphor Bronze FINISH: <ol style="list-style-type: none"> 2.1 Contact Area: 1u"Au-flash/Selective 30u"Au/Selective Solder Area Tin Plated Under: Ni Plated MECHANICAL: <ol style="list-style-type: none"> 3.1 Mating Force:3.57kgf Max, 3.2 Unmating Force:1.02kgf Min 3.3 Durability:1500 cycles Min ELECTRICAL: <ol style="list-style-type: none"> 4.1 Current Rating:1.5A 4.2 Dielectric Strength:500V AC FOR 1 MINUTE Ⓞ 4.3 Contact Resistance:30mΩ Max 4.4 Insulation Resistance:1000 MΩ Min 5. Operating temperature: -55°C TO +85°C 6 For wave soldering temperature : 235°C±5°C for 5±1sec 7 PACKING: Tray <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td>WSW-P/N</td> <td>Contact Area plating</td> <td>Housing / Cover</td> </tr> <tr> <td>A-USB A-E</td> <td>1u"Gold Flash Selective</td> <td>PBT+30%GF</td> </tr> <tr> <td>A-USB A-E-30</td> <td>30u"Gold Flash Selective</td> <td>LCP+30%GF</td> </tr> </table> <p style="text-align: center;">2</p>	WSW-P/N	Contact Area plating	Housing / Cover	A-USB A-E	1u"Gold Flash Selective	PBT+30%GF	A-USB A-E-30	30u"Gold Flash Selective	LCP+30%GF
WSW-P/N	Contact Area plating															
A-USB A-E	1u"Gold Flash Selective															
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WSW-P/N	Contact Area plating	Housing / Cover														
A-USB A-E	1u"Gold Flash Selective	PBT+30%GF														
A-USB A-E-30	30u"Gold Flash Selective	LCP+30%GF														
For detail, please take attached new drawing for reference: ASS_1413B_COrev07																

PCN Revision History:

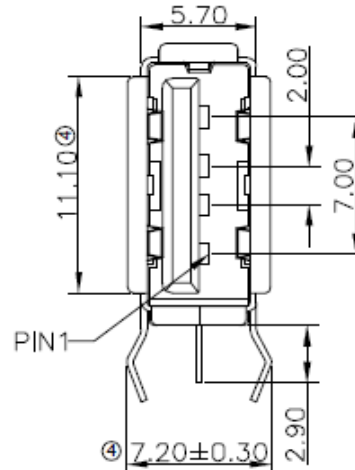
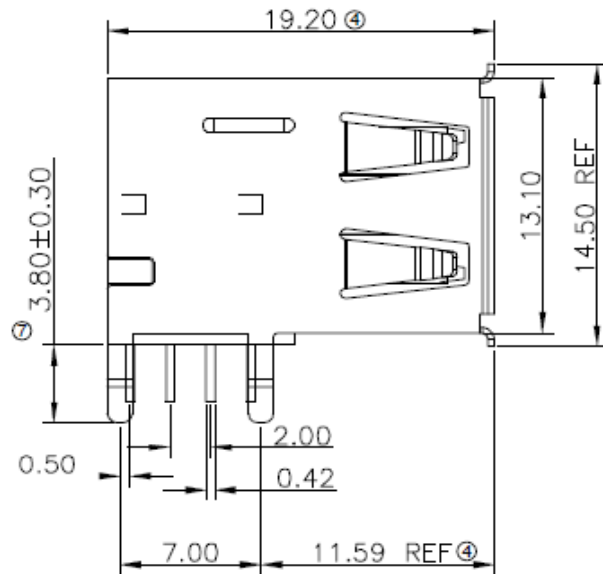
Date of Revision: 18.05.2017

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⑤ USB 2.0 COMPLIANT



RECOMMENDED P.C.B LAYOUT
TOLERANCE=±0.05MM



NOTES:

- 1.Material:
 - 1.1 Housing: PBT+30%GF UL94V-0,Color White
 - LCP+30%GF UL94V-0,Color White
 - 1.2 Cover: PBT +30%GF UL94V-0,Color White
 - LCP+30%GF UL94V-0,Color White
 - 1.3 Shell: Brass
 - 1.4 Contact :Phosphor Bronze
- 2. FINISH:
 - 2.1 Contact Area: 1u"Au-flash/Selective
 - 30u"Au/Selective
 - Solder Area: Tin Plated
 - Under: 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:1.5A
 - 4.2 Dielectric Strength:500V AC FOR 1 MINUTE
 - ④ 4.3 Contact Resistance:30mΩ Max
 - 4.4 Insulation Resistance:1000 MΩ Min
- 5.Operating temperature: -55°C TO +85°C
- 6.For wave soldering temperature : 235°C±5°C for 5±1sec
- 7.PACKIING: Tray

WSW-P/N	Contact Area plating	Housing / Cover
A-USB A-E	1u"Gold Flash Selective	PBT+30%GF
A-USB A-E-30	30u"Gold Flash Selective	LCP+30%GF

RoHS compliant
Unit:mm

Scale	Free	⑦	Update dimension	16.05.2017	S.Bölling		Date	Name	Customer-No.
TOLERANCE		⑥	Add wave solder information	18.09.2013	Winnie	Drawn	26.01.2005	Hellwig	ASSMANN WSW-No. A-USB A-E ③ A-USB A-E-30
X.X	±0.3	⑤	Update	19.08.2013	Winnie	Approved	18.09.2013	Winnie	
X.XX	±0.2	④	Update	07.06.2013	Winnie				
DIM	TOL	③	Add P/N with 30u" gold flash selective	17.04.2012	Lucas	ASSMANN WSW/components			
ANG.	±5°	②	Update	07.07.2006	Stefanie				
Angle	TOL	Id.	Modification	Date	Name	Replace			SHEET

Drawing-No.		ASS 1413B CO	rev07
Replace			

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