

Product Change Notification (PCN)

Issue Date: 13.01.2021
Modification / Revision Date: 13.01.2021

A-DIO-DP/xx xx MINI DIN connector THT Female

Change Notification :	PCN 20210113_A-DIO-DP/xx xx
Description of changes :	1. Change of data sheet 2. New Draw.-No. ASS_1067_COrev06
Reason for Change :	Worn out of mold tooling
Key Characteristics of Change :	Details see page 3
Products Affected :	A-DIO-DP/04 A-DIO-DP/06 A-DIO-DP/06 GV
Date of change and Implementation :	Change : KW 2 / YEAR 2021 Implementation: 13.01.2021
Response :	No response to this notification is required.

PCN Revision History :

Date of Revision : 13.01.2021

Revision Number: 00

page 1/

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A-DIO-DP/06 xx Old version	A-DIO-DP/06 xx New version																																																
<p>Dimensions and tolerance:</p> <table style="width: 100%; border: none;"> <tr><td style="width: 5%;">1</td><td style="width: 15%; color: red;">28,35 mm</td><td style="width: 15%; color: red;">$\pm 0,38$ mm</td><td style="width: 65%;"></td></tr> <tr><td>2</td><td style="color: red;">1,90 mm</td><td style="color: red;">$\pm 0,20$ mm</td><td></td></tr> <tr><td>3</td><td style="color: red;">20,00 mm</td><td style="color: red;">$\pm 0,20$ mm</td><td></td></tr> <tr><td>4</td><td style="color: red;">2,40 mm</td><td style="color: red;">$\pm 0,20$ mm</td><td></td></tr> <tr><td>5</td><td style="color: red;">2,59 mm</td><td style="color: red;">$\pm 0,20$ mm</td><td></td></tr> <tr><td>6</td><td style="color: red;">$\varnothing 0,97$mm</td><td style="color: red;">$+0,05$ mm / -0 mm</td><td></td></tr> </table>	1	28,35 mm	$\pm 0,38$ mm		2	1,90 mm	$\pm 0,20$ mm		3	20,00 mm	$\pm 0,20$ mm		4	2,40 mm	$\pm 0,20$ mm		5	2,59 mm	$\pm 0,20$ mm		6	$\varnothing 0,97$ mm	$+0,05$ mm / -0 mm		<p>Dimensions and tolerance:</p> <table style="width: 100%; border: none;"> <tr><td style="width: 5%;">1</td><td style="width: 15%; color: green;">28,50 mm</td><td style="width: 15%; color: green;">$\pm 0,25$ mm</td><td style="width: 65%;"></td></tr> <tr><td>2</td><td style="color: green;">2,00 mm</td><td style="color: green;">$\pm 0,30$ mm</td><td></td></tr> <tr><td>3</td><td style="color: green;">20,20 mm</td><td style="color: green;">$\pm 0,25$ mm</td><td></td></tr> <tr><td>4</td><td style="color: green;">$\varnothing 2,3$ mm</td><td style="color: green;">$\pm 0,30$ mm</td><td></td></tr> <tr><td>5</td><td style="color: green;">2,55 mm</td><td style="color: green;">$\pm 0,30$ mm</td><td></td></tr> <tr><td>6</td><td style="color: green;">$\varnothing 1,05$ mm</td><td style="color: green;">$\pm 0,05$ mm</td><td></td></tr> </table>	1	28,50 mm	$\pm 0,25$ mm		2	2,00 mm	$\pm 0,30$ mm		3	20,20 mm	$\pm 0,25$ mm		4	$\varnothing 2,3$ mm	$\pm 0,30$ mm		5	2,55 mm	$\pm 0,30$ mm		6	$\varnothing 1,05$ mm	$\pm 0,05$ mm	
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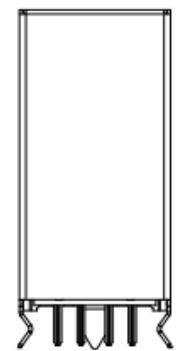
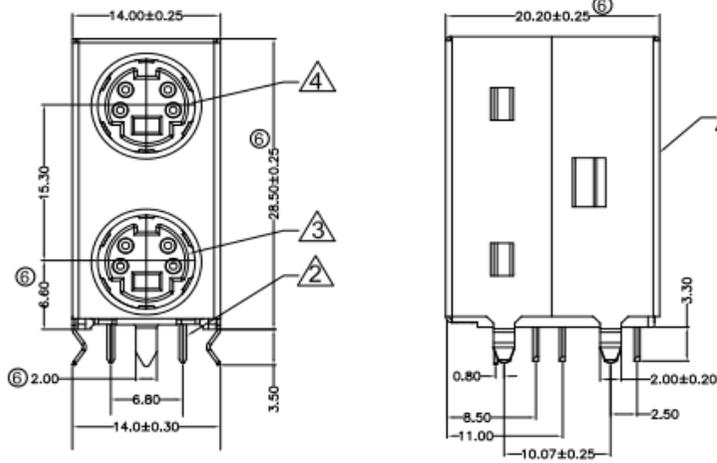
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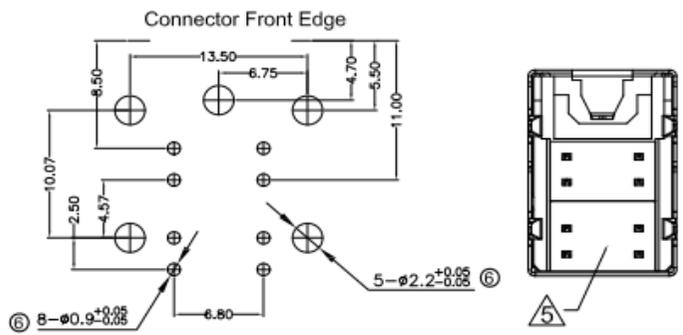
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- NOTES:
- 1. MECHANICAL:
 - 1.1 MATING FORCE: 30N MAX;
 - 1.2 UNMATING FORCE: 5N MIN;
 - 1.3 DURABILITY: 500 CYCLES MIN.
 - 2. ELECTRICAL:
 - 2.1 CURRENT RATING: 2.0A;
 - 2.2 VOLTAGE RATING: 30V;
 - 2.3 WITHSTANDING VOLTAGE: 750V AC;
 - 2.4 CONTACT RESISTANCE: 30mΩ MAX;
 - 2.5 INSULATION RESISTANCE: 1000MΩ MIN;
 - 3. OPERATING TEMPERATURE: -25°C TO + 70°C.



Printed Circuit Board (PCB) Layout

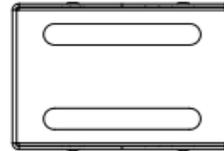
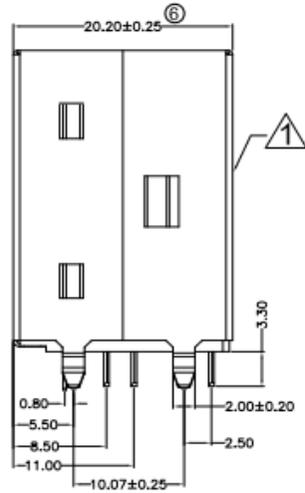
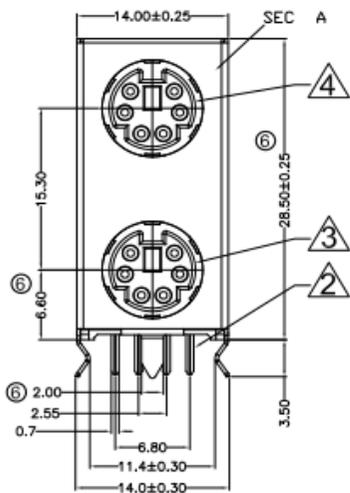
NAME	MATERIAL	PLATING	COLOR
COVER	PBT+30%GF UL94V-0		BLACK
MID-UPWARD	PBT+30%GF UL94V-0		BLACK
MID-DOWN	PBT+30%GF UL94V-0		BLACK
CONTACT	COPPER ALLOY T=0.20	1μ" PLATING ON CONTACT AREA 100μ" MIN. Tin PLATING ON SOLDER TAIL AREA. 50μ" MIN. NICKEL UNDER PLATING OVERALL	
SHELL	SPCC-SD T=0.30	BRIGHT Tin 100μ" Min OVER Ni 50μ" Min	

RoHS compliant
Unit: mm

Scale	Free	⑥	Update	07.01.2021	Segal	Date	Name	Customer-No.
TOLERANCE		⑤	Update	08.11.2017	Amy	Drawn	25.01.2005	Hellwig
.X	±0.35	④	Modification	08.11.2012	Amy	Approved	07.01.2021	Segal
.XX	±0.30	③	Redraw	07.08.2009	Dean			
.XXX	±0.15	②	Update	28.07.2008	N.Schulz			
.X°	±3.0°	①	Drawn	25.01.2005	Hellwig			
.XX°	±2.0°							
.XXX°	±1.0°							
DIM	TOL	Id.	Modification	Date	Name			

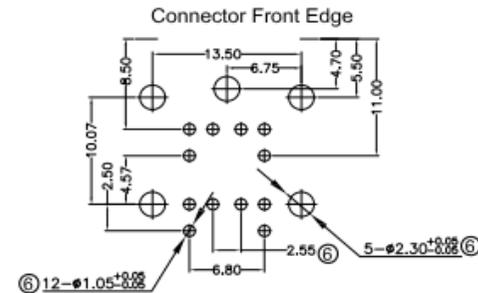


ASSMANN WSW-No. A-DIO-DP/04	
Drawing-No. ASS 1067 CO	rev06
Replace	SHEET

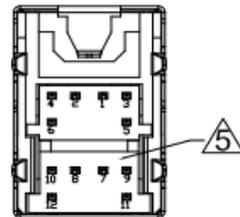


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WSW P/N	Connector Color	
A-DIO-DP/06	UP: Black	Bottom: Black
A-DIO-DP/06 GV	UP: Green	Bottom: Purple



Printed Circuit Board (PCB) Layout



Symbol	NAME	MATERIAL	PLATING	COLOR
△	COVER	PBT+30%GF UL94V-0		BLACK
△	MID-UPWARD	PBT+30%GF UL94V-0		BLACK GREEN
△	MID-DOWN	PBT+30%GF UL94V-0		BLACK PURPLE
△	CONTACT	COPPER ALLOY T=0.20	1/2" PLATING ON CONTACT AREA. 100u" MIN. TIN PLATING ON SOLDER TAIL AREA. 50u" MIN. NICKEL UNDER PLATING OVERALL.	
△	SHELL	SPCC-SD T=0.30	BRIGHT Tin 100u" Min OVER Ni 50u" Min	
	NAME	MATERIAL	PLATING	COLOR

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.XXX	±0.15	②	Update	28.07.2008	N.Schulz			
.X°	±3.0°	①	Drawn	25.01.2005	Hellwig			
.XX°	±2.0°							
.XXX°	±1.0°							
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ASSMANN WSW-No.		A-DIO-DP/06 xx	
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