

Male

NOTES:

MATERIAL

1. Insulator Material: Glass-filled thermoplastic PBT, UL94V-0
 2. Contact Material: Copper alloy, Gold flash selective gold
 3. Shell: SPCC
 4. Clinch Nut: Brass, Nickel Plated
 5. Crewlock: Copper Alloy, Nickel Plated
- ELECTRICAL
1. Current Rating : 3AMP
 2. Voltage Rating : 250V AC/rms 60Hz
 3. Contact Resistance: 20mΩ Max at 100 mA DC
 4. Insulation Resistance: 1000MΩ at 500 VDC
 5. Withstand Voltage: 500V AC/rms 60Hz for 1 minute
 - ① 6. Operating Temperature: -55°C+105°C
 - ③ 7. Solder Temperature: 220°C 5s max.

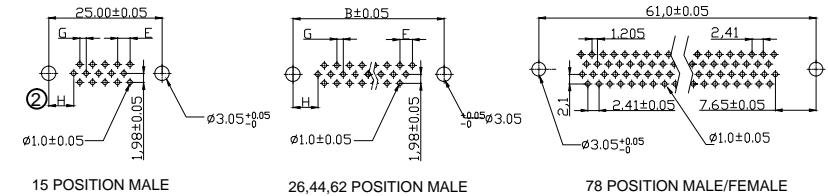
Order Code:

A-HD x xx PP/Z

Contact style: F - Female
S - Male

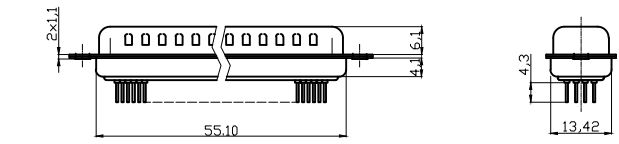
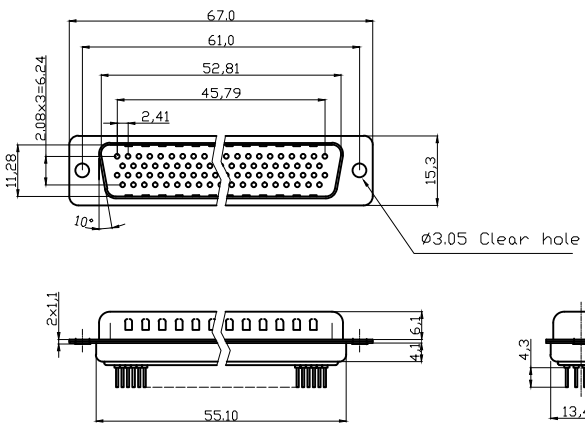
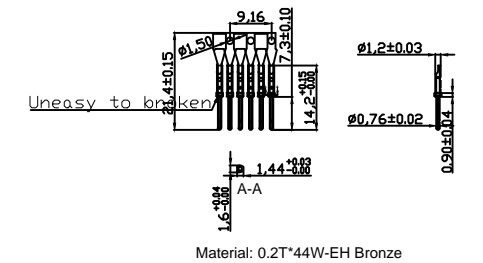
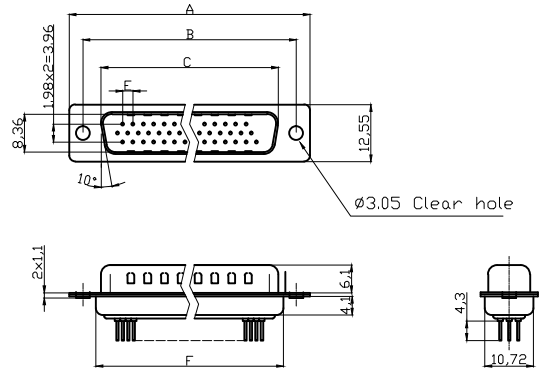
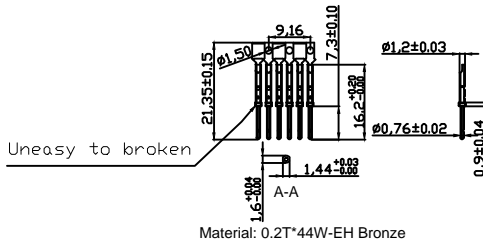
No. of Contacts: 15 / 26 / 44 / 62 / 78
Standard: Quality class III

P.C.B LAYOUT PATTERN



Dimensions

Positions	A	B	C	E	F	G	H
15	30.81	24.99	16.92	2.29	19.20	1.145	7.04
26	39.20	33.30	25.25	2.29	27.70	1.145	6.88
44	53.05	47.04	38.96	2.29	41.10	1.145	6.88
62	69.40	63.50	55.42	2.41	57.30	1.205	7.00



RoHS compliant
Unit: mm

File No.: E198287

Scale	Free	Date	Name	Customer-No.
TOLERANCE				
X.	±0.38	④ Add page 3~8	22.11.2019	Carson
X.X	±0.25	③ Add solder temperature	15.04.2019	Xavier
X.XX	±0.13	② Correct the dimensioning of "H"	27.10.2016	Amy
DIM	TOL	① Update the operating temperature	10.10.2014	Winnie
X.°	±3°	① Drawn	15.08.2012	Lucas
X.X°	±1.0°			
Angle	TOL	Id.	Modification	Date



Customer-No.	
ASSMANN WSW-No.	
A-HD x xx PP/Z	
Drawing-No.	
ASS 4896 CO	rev04
Replace	Sheet 1/8

Female

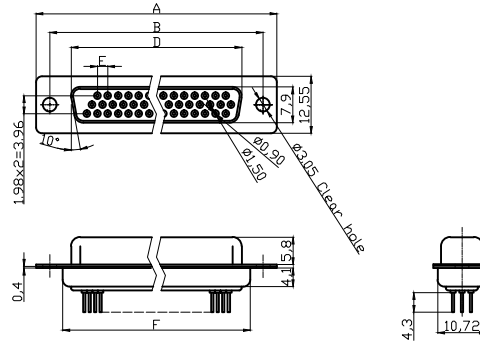
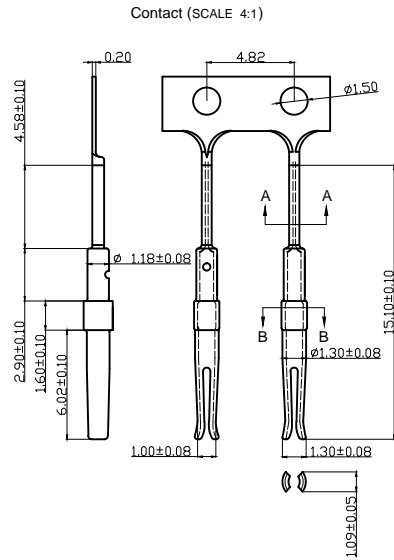
NOTES:

MATERIAL

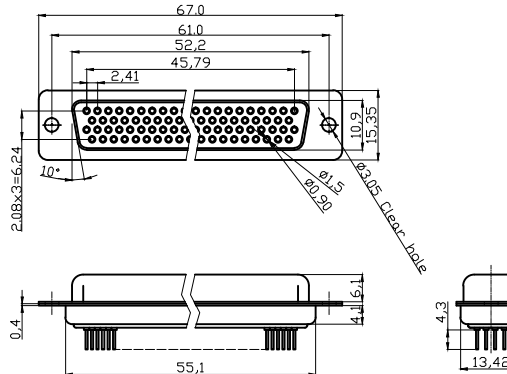
- 1. Insulator Material: Glass-filled thermoplastic PBT, UL94V-0
- 2. Contact Material: Copper alloy
- 3. Shell: Steel, 100u" Tin over 50u" Min Copper

ELECTRICAL

- 1. Current Rating : 3AMP
- 2. Voltage Rating : 250V AC/rms 60Hz
- 3. Contact Resistance: 20mΩ Max at 100 mA DC
- 4. Insulation Resistance: 1000MΩ at 500 VDC
- 5. Withstand Voltage: 500V AC/rms 60Hz for 1 minute
- ① 6. Operating Temperature: -55°C+105°C
- ③ 7. Solder Temperature: 220°C 5s max.

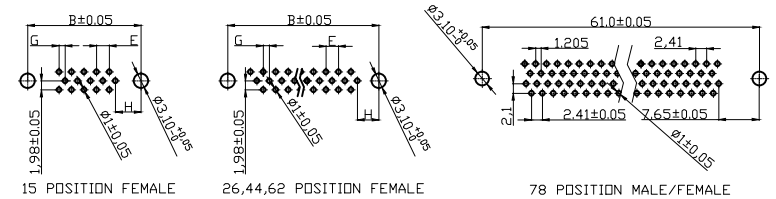


15,26,44,62 Positions



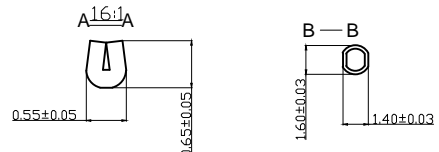
78 Positions

P.C.B LAYOUT PATTERN



Dimensions

Positions	A	B	D	E	F	G
15	30.81	24.99	16.33	2.29	19.20	1.145
26	39.20	33.30	24.70	2.29	27.70	1.145
44	53.05	47.04	38.40	2.29	41.10	1.145
62	69.40	63.50	54.80	2.41	57.30	1.205



When male contact insert, the OD couldn't be over 1.45

RoHS compliant

Unit: mm



File No.: E198287

Scale	Free						Date	Name	Customer-No.	
TOLERANCE		④	Add page 3~8	22.11.2019	Carson	Drawn	22.11.2019	Carson	ASSMANN WSW-No. A-HD x xx PP/Z	
X.	±0.38	③	Add solder temperature	15.04.2019	Xavier	Approved	22.11.2019	Carson		
X.X	±0.25	②	Correct the dimensioning of "H"	27.10.2016	Amy				Drawing-No.	
X.XX	±0.13	①	Update the operating temperature	10.10.2014	Winnie	ASSMANN WSW components			ASS 4896 CO	rev04
DIM	TOL	①	Update the operating temperature	10.10.2014	Winnie					
X.°	±3°	①	Drawn	15.08.2012	Lucas				Replace	Sheet 2/8
X.X°	±1.0°	①	Drawn	15.08.2012	Lucas					
Angle	TOL	Id.	Modification	Date	Name					

1

2

3

4

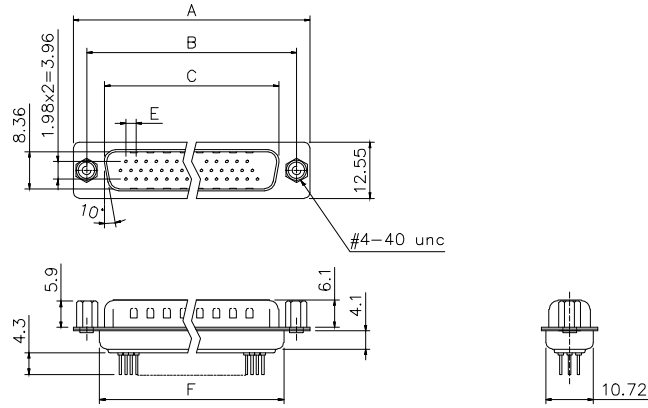
5

6

7

Male

④



15,26,44,62 Positions

NOTES:

MATERIAL

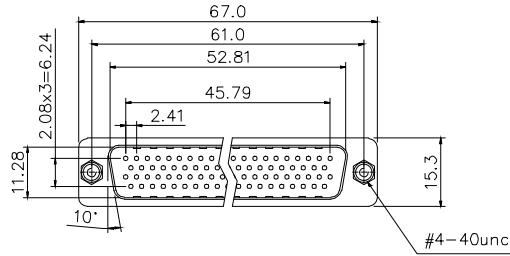
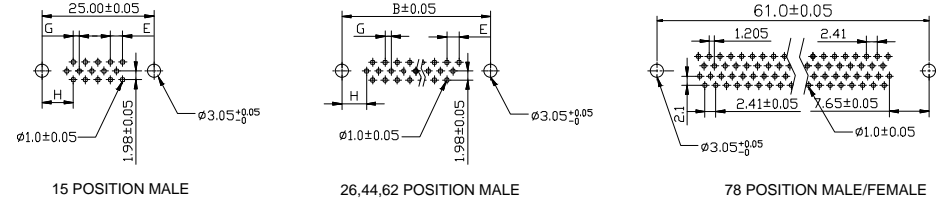
- 1. Insulator Material: Glass-filled thermoplastic PBT, UL94V-0
 - 2. Contact Material: Copper alloy
 - 3. Shell: Steel, 100u" Tin over 50u" Min Copper
 - 4. Clinch Nut: Brass, Nickel Plated
- ELECTRICAL
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 - 2. Voltage Rating : 250V AC/rms 60Hz
 - 3. Contact Resistance: 20mΩ Max at 100 mA DC
 - 4. Insulation Resistance: 1000MΩ at 500 VDC
 - 5. Withstand Voltage: 500V AC/rms 60Hz for 1 minute
 - 6. Operating Temperature: -55°C+105°C
 - 7. Solder Temperature: 220°C 5s max.

Order Code:

A-HD x xx PP/Z-UNC1

Contact style: F - Female, S - Male
 No. of Contacts: 15 / 26 / 44 / 62 / 78
 Standard: Quality class III

P.C.B LAYOUT PATTERN



78 Positions

Dimensions

Positions	A	B	C	E	F	G	H
15	30.81	24.99	16.92	2.29	19.20	1.145	7.04
26	39.20	33.30	25.25	2.29	27.70	1.145	6.88
44	53.05	47.04	38.96	2.29	41.10	1.145	6.88
62	69.40	63.50	55.42	2.41	57.30	1.205	7.00

RoHS compliant

Unit: mm



File No.: E198287

Scale	Free						Date	Name	Customer-No.
TOLERANCE		④	Add page 3~8	22.11.2019	Carson	Drawn	22.11.2019	Carson	ASSMANN WSW-No. A-HD x xx PP/Z-UNC1
X.	±0.38	③	Add solder temperature	15.04.2019	Xavier	Approved	22.11.2019	Carson	
X.X	±0.25	②	Correct the dimensioning of "H"	27.10.2016	Amy				Drawing-No.
X.XX	±0.13	①	Update the operating temperature	10.10.2014	Winnie			ASS 4896 CO	rev04
DIM	TOL	①	Update the operating temperature	10.10.2014	Winnie			Replace	Sheet 3/8
X.°	±3°	①	Drawn	15.08.2012	Lucas				
X.X°	±1.0°	①	Drawn	15.08.2012	Lucas				
Angle	TOL	Id.	Modification	Date	Name				

Customer-No.
 ASSMANN WSW-No.
A-HD x xx PP/Z-UNC1

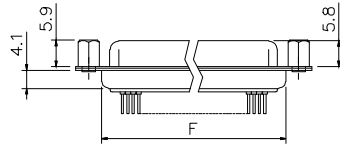
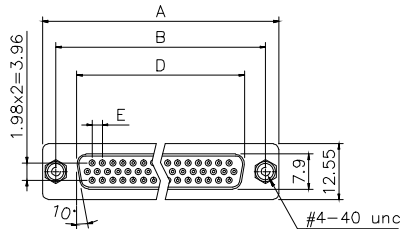
Drawing-No.
ASS 4896 CO
 rev04

Replace
 Sheet 3/8

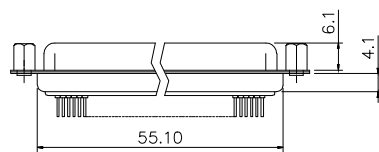
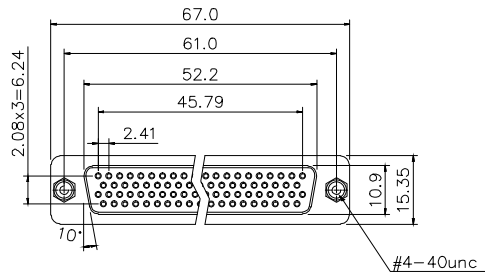
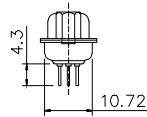


Female

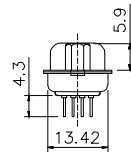
④



15,26,44,62 Positions



78 Positions



NOTES:

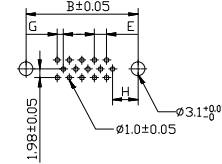
MATERIAL

- 1. Insulator Material: Glass-filled thermoplastic PBT, UL94V-0
- 2. Contact Material: Copper alloy
- 3. Shell: Steel, 100u" Tin over 50u" Min Copper
- 4. Clinch Nut: Brass, 100u" min Nickel Plated

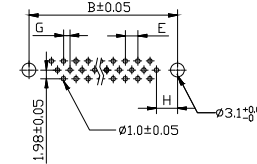
ELECTRICAL

- 1. Current Rating : 3AMP
- 2. Voltage Rating : 250V AC/rms 60Hz
- 3. Contact Resistance: 20mΩ Max at 100 mA DC
- 4. Insulation Resistance: 1000MΩ at 500 VDC
- 5. Withstand Voltage: 1000V AC/rms 60Hz for 1 minute
- 6. Operating Temperature: -55°C+105°C
- 7. Solder Temperature: 220°C 5s max.

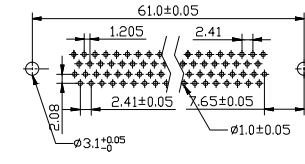
P.C.B LAYOUT PATTERN



15 POSITION FEMALE



26,44,62 POSITION FEMALE



78 POSITION MALE/FEMALE

Dimensions

Positions	A	B	D	E	F	G	H
15	30.81	24.99	16.33	2.29	19.20	1.145	7.04
26	39.20	33.30	24.70	2.29	27.70	1.145	6.88
44	53.05	47.04	38.40	2.29	41.10	1.145	6.88
62	69.40	63.50	54.80	2.41	57.30	1.205	7.00

RoHS compliant

Unit: mm



File No.: E198287

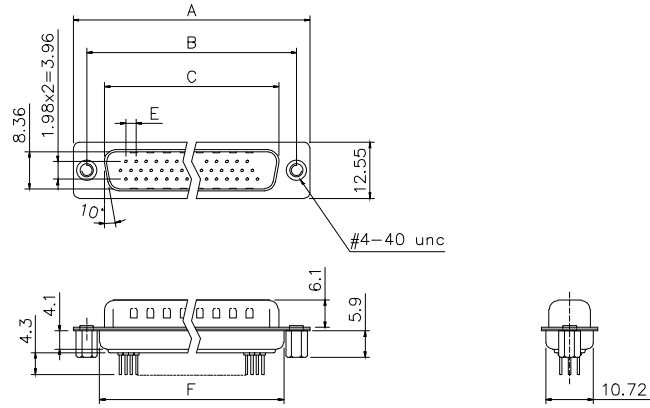
Scale	Free					Date	Name	Customer-No.
TOLERANCE		④	Add page 3~8	22.11.2019	Carson	Drawn	22.11.2019	Carson
X.	±0.38	③	Add solder temperature	15.04.2019	Xavier	Approved	22.11.2019	Carson
X.X	±0.25	②	Correct the dimensioning of "H"	27.10.2016	Amy			
X.XX	±0.13	①	Update the operating temperature	10.10.2014	Winnie			
DIM	TOL	①	Update the operating temperature	10.10.2014	Winnie			
X.°	±3°	①	Update the operating temperature	10.10.2014	Winnie			
X.X°	±1.0°	①	Drawn	15.08.2012	Lucas			
Angle	TOL	Id.	Modification	Date	Name			



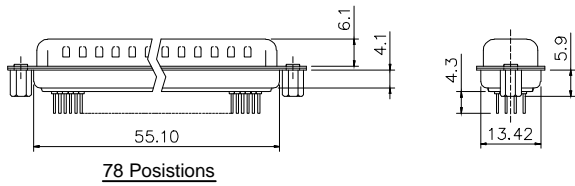
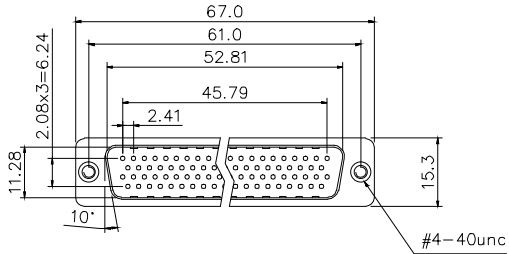
Customer-No.	
ASSMANN WSW-No.	
A-HD x xx PP/Z-UNC1	
Drawing-No.	
ASS 4896 CO	rev04
Replace	Sheet 4/8

Male

④



15,26,44,62 Positions



78 Positions

NOTES:

MATERIAL

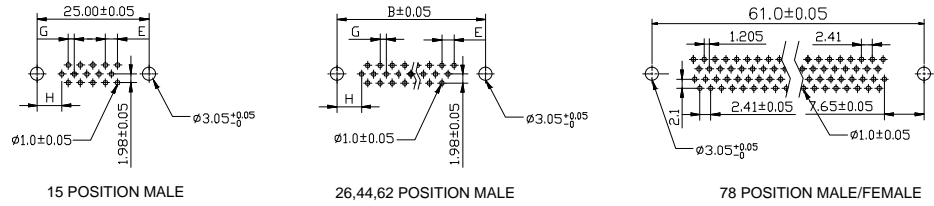
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 - 3. Shell: Steel, 100u" Tin over 50u" Min Copper
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 - 2. Voltage Rating : 250V AC/rms 60Hz
 - 3. Contact Resistance: 20mΩ Max at 100 mA DC
 - 4. Insulation Resistance: 1000MΩ at 500 VDC
 - 5. Withstand Voltage: 500V AC/rms 60Hz for 1 minute
 - 6. Operating Temperature: -55°C+105°C
 - 7. Solder Temperature: 220°C 5s max.

Order Code:

A-HD x xx PP/Z-UNC2

Contact style: F - Female, S - Male
No. of Contacts: 15 / 26 / 44 / 62 / 78
Standard: Quality class III

P.C.B LAYOUT PATTERN



15 POSITION MALE

26,44,62 POSITION MALE

78 POSITION MALE/FEMALE

Dimensions

Positions	A	B	C	E	F	G	H
15	30.81	24.99	16.92	2.29	19.20	1.145	7.04
26	39.20	33.30	25.25	2.29	27.70	1.145	6.88
44	53.05	47.04	38.96	2.29	41.10	1.145	6.88
62	69.40	63.50	55.42	2.41	57.30	1.205	7.00

RoHS compliant

Unit: mm



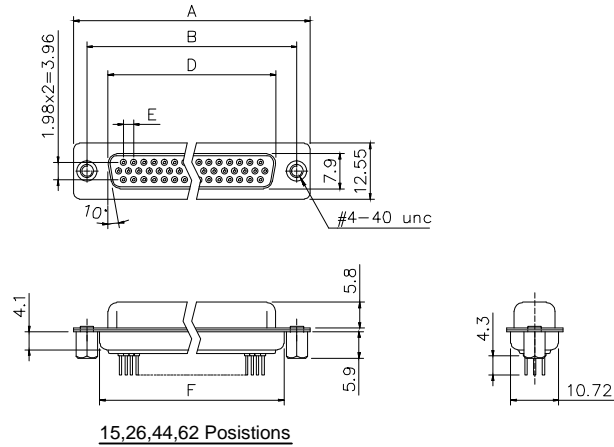
File No.: E198287

Scale	Free						Date	Name	Customer-No.
TOLERANCE		④	Add page 3~8	22.11.2019	Carson	Drawn	22.11.2019	Carson	ASSMANN WSW-No. A-HD x xx PP/Z-UNC2
X.	±0.38	③	Add solder temperature	15.04.2019	Xavier	Approved	22.11.2019	Carson	
X.X	±0.25	②	Correct the dimensioning of "H"	27.10.2016	Amy				Drawing-No.
X.XX	±0.13	①	Update the operating temperature	10.10.2014	Winnie				ASS 4896 CO
DIM	TOL	①	Update the operating temperature	10.10.2014	Winnie				rev04
X.°	±3°	①	Update the operating temperature	10.10.2014	Winnie				Replace
X.X°	±1.0°	①	Drawn	15.08.2012	Lucas				
Angle	TOL	Id.	Modification	Date	Name				Sheet 5/8

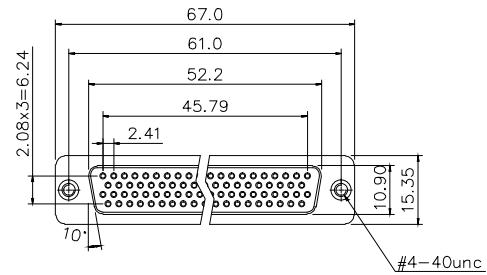


Female

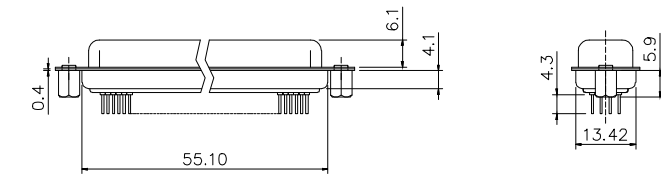
④



15,26,44,62 Positions



78 Positions



NOTES:

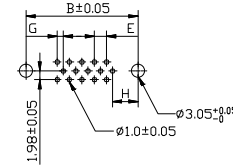
MATERIAL

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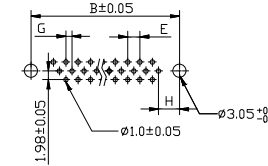
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- 4. Insulation Resistance: 1000MΩ at 500 VDC
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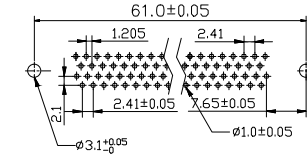
P.C.B LAYOUT PATTERN



15 POSITION FEMALE



26,44,62 POSITION FEMALE



78 POSITION MALE/FEMALE

Dimensions

Positions	A	B	D	E	F	G	H
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62	69.40	63.50	54.80	2.41	57.30	1.205	7.00

RoHS compliant

Unit: mm



File No.: E198287

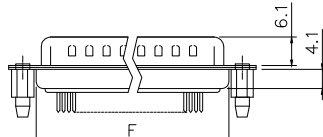
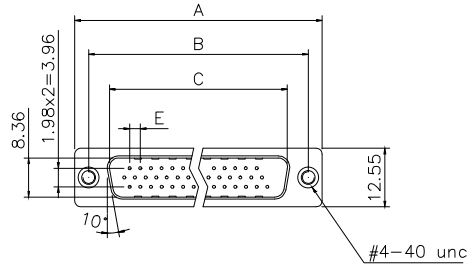
Scale	Free					Date	Name	Customer-No.
TOLERANCE		④	Add page 3~8	22.11.2019	Carson	Drawn	22.11.2019	Carson
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X.°	±3°	①	Update the operating temperature	10.10.2014	Winnie			
X.X°	±1.0°	①	Drawn	15.08.2012	Lucas			
Angle	TOL	Id.	Modification	Date	Name			



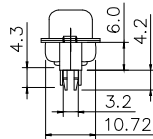
Customer-No.	
ASSMANN WSW-No.	
A-HD x xx PP/Z-UNC2	
Drawing-No.	
ASS 4896 CO	rev04
Replace	Sheet 6/8

Male

④



15,26,44,62 Positions



NOTES:

MATERIAL

- 1. Insulator Material: Glass-filled thermoplastic PBT, UL94V-0
 - 2. Contact Material: Copper alloy
 - 3. Shell: Steel, 100u" Tin over 50u" Min Copper
 - 4. Boardlock: Brass, Tin plated
- ELECTRICAL
- 1. Current Rating : 3AMP
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 - 3. Contact Resistance: 20mΩ Max at 100 mA DC
 - 4. Insulation Resistance: 1000MΩ at 500 VDC
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 - 6. Operating Temperature: -55°C+105°C
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Order Code:

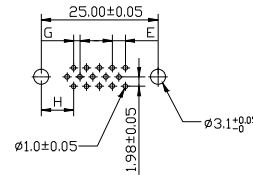
A-HD x xx PP/Z-UNC3

Contact style: F - Female
S - Male

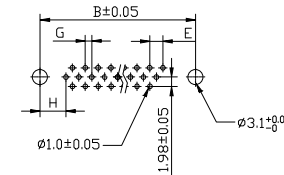
No. of Contacts
15 / 26 / 44 / 62 / 78

Standard: Quality class III

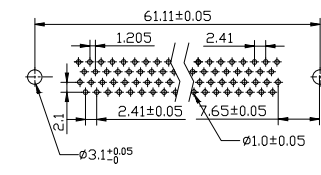
P.C.B LAYOUT PATTERN



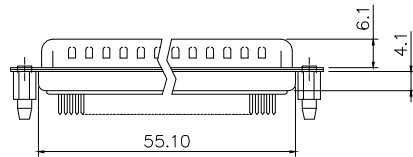
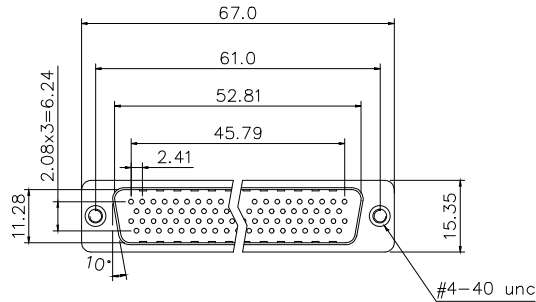
15 POSITION MALE



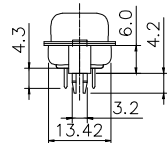
26,44,62 POSITION MALE



78 POSITION MALE/FEMALE



78 Positions



Dimensions

Positions	A	B	C	E	F	G	H
15	30.81	24.99	16.92	2.29	19.20	1.145	7.04
26	39.20	33.30	25.25	2.29	27.70	1.145	6.88
44	53.05	47.04	38.96	2.29	41.10	1.145	6.88
62	69.40	63.50	55.42	2.41	57.30	1.205	7.00

RoHS compliant

Unit: mm



File No.: E198287

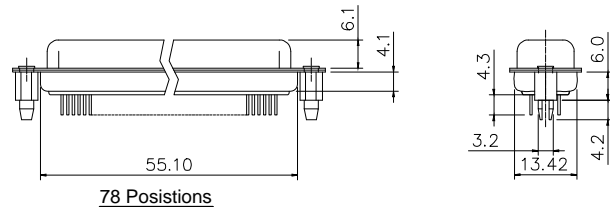
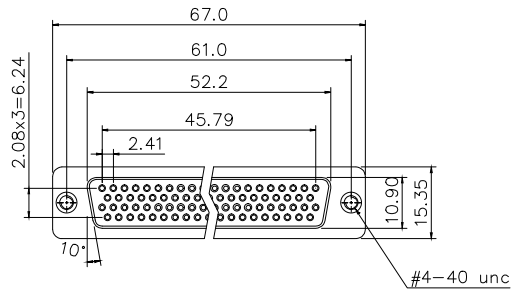
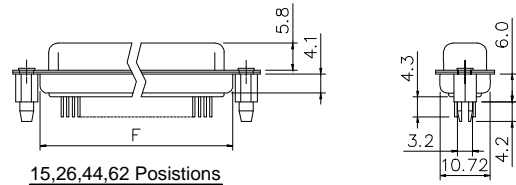
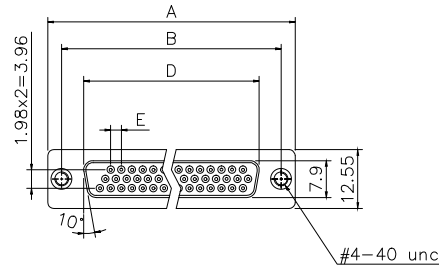
Scale	Free					Date	Name	Customer-No.
TOLERANCE		④	Add page 3~8	22.11.2019	Carson	Drawn	22.11.2019	Carson
X.	±0.38	③	Add solder temperature	15.04.2019	Xavier	Approved	22.11.2019	Carson
X.X	±0.25	②	Correct the dimensioning of "H"	27.10.2016	Amy			
X.XX	±0.13	①	Update the operating temperature	10.10.2014	Winnie			
DIM	TOL	①	Update the operating temperature	10.10.2014	Winnie			
X.°	±3°	①	Update the operating temperature	10.10.2014	Winnie			
X.X°	±1.0°	①	Drawn	15.08.2012	Lucas			
Angle	TOL	Id.	Modification	Date	Name			



Drawing-No.		ASS 4896 CO	rev04
Replace			Sheet 7/8

Female

④



NOTES:

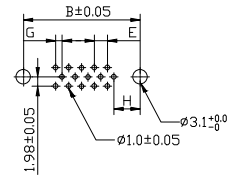
MATERIAL

- 1. Insulator Material: Glass-filled thermoplastic PBT, UL94V-0
- 2. Contact Material: Copper alloy
- 3. Shell: Steel, 100u" Tin over 50u" Min Copper
- 4. Boardlock: Brass, Tin Plated

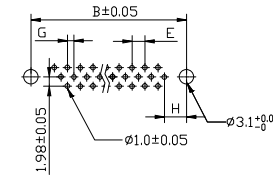
ELECTRICAL

- 1. Current Rating : 3AMP
- 2. Voltage Rating : 250V AC/rms 60Hz
- 3. Contact Resistance: 20mΩ Max at 100 mA DC
- 4. Insulation Resistance: 1000MΩ at 500 VDC
- 5. Withstand Voltage: 500V AC/rms 60Hz for 1 minute
- 6. Operating Temperature: -55°C+105°C
- 7. Solder Temperature: 220°C 5s max.

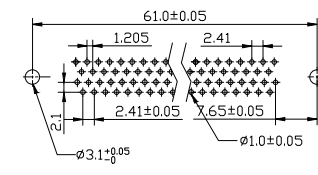
P.C.B LAYOUT PATTERN



15 POSITION FEMALE



26,44,62 POSITION FEMALE



78 POSITION MALE/FEMALE

Dimensions

Positions	A	B	D	E	F	G	H
15	30.81	24.99	16.33	2.29	19.20	1.145	7.04
26	39.20	33.30	24.70	2.29	27.70	1.145	6.88
44	53.05	47.04	38.40	2.29	41.10	1.145	6.88
62	69.40	63.50	54.80	2.41	57.30	1.205	7.00

RoHS compliant

Unit: mm



File No.: E198287

Scale	Free					Date	Name	Customer-No.
TOLERANCE		④	Add page 3~8	22.11.2019	Carson	Drawn	22.11.2019	Carson
X.	±0.38	③	Add solder temperature	15.04.2019	Xavier	Approved	22.11.2019	Carson
X.X	±0.25	②	Correct the dimensioning of "H"	27.10.2016	Amy			
X.XX	±0.13	①	Update the operating temperature	10.10.2014	Winnie			
DIM	TOL	①	Update the operating temperature	10.10.2014	Winnie			
X.°	±3°	①	Update the operating temperature	10.10.2014	Winnie			
X.X°	±1.0°	①	Drawn	15.08.2012	Lucas			
Angle	TOL	Id.	Modification	Date	Name			



Drawing-No.		ASS 4896 CO	rev04
Replace			
		Sheet 8/8	