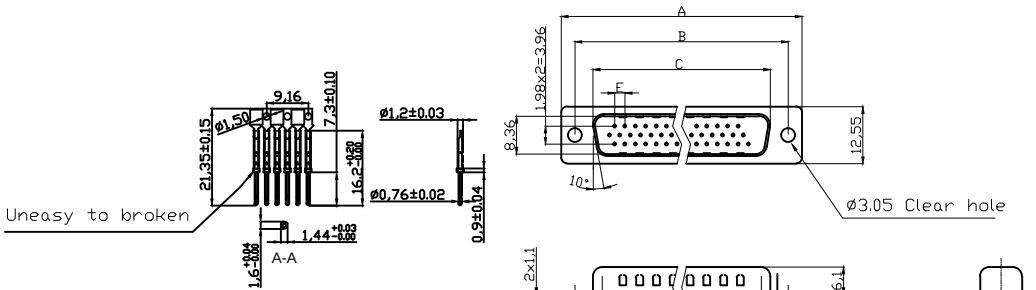
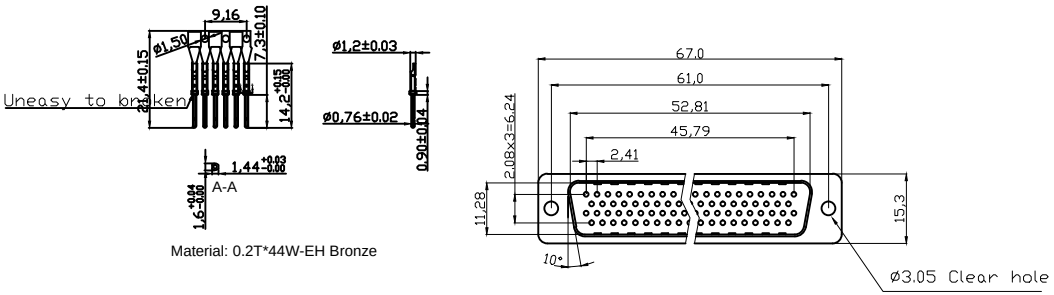
Male





78 Posistions

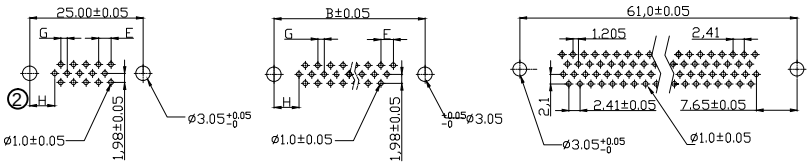
NOTES:

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
①6.Operating Temperature:-55°C+105°C
③7.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
TOLERANCE	
X.	±0.38
X.X	±0.25
X.XX	±0.13
DIM	TOL
X.°	±3°
X.X°	±1.0°
Angle	TOL

Id.	Modification	Date	Name
④	Add page 3~8	22.11.2019	Carson
③	Add solder temperature	15.04.2019	Xavier
②	Correct the dimensioning of "H"	27.10.2016	Amy
①	Update the operating temperature	10.10.2014	Winnie
⓪	Drawn	15.08.2012	Lucas

	Date	Name
Drawn	22.11.2019	Carson
Approved	22.11.2019	Carson

ASSMANN WSW components

Customer-No.

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

Drawing-No.
ASS 4896 CO
rev04

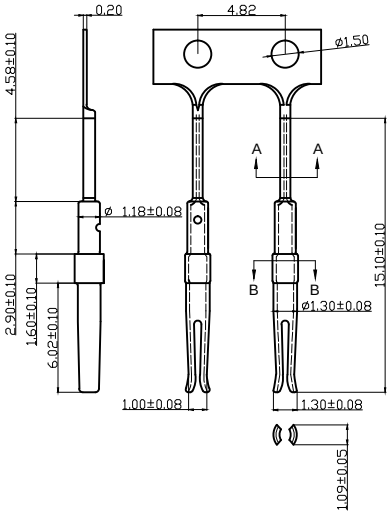
Replace

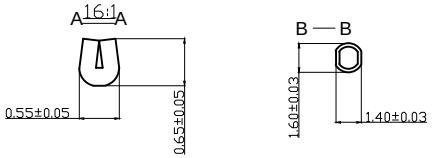
Sheet
1/8

Downloaded from Arrow.com.

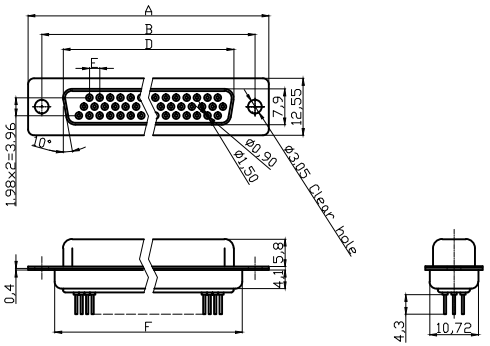
Female

Contact (SCALE 4:1)

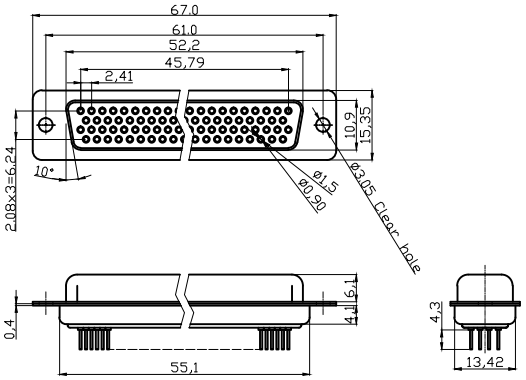




When male contact insert,
the OD couldn't be over 1.45



15,26,44,62 Posistions

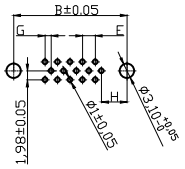


78 Posistions

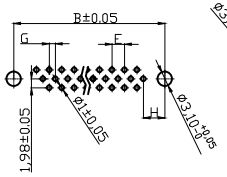
NOTES:

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.

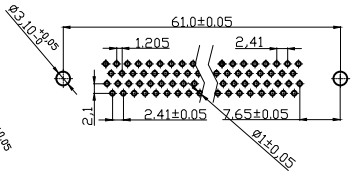
P.C.B LAYOUT PATTERN



15 POSITION FEMALE



26,44,62 POSITION FEMALE



78 POSITION MALE/FEMALE

Dimensions

Positions	A	B	D	E	F	G
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

RoHS compliant
Unit: mm

File No.: E198287

Scale	Free
TOLERANCE	
X.	±0.38
X.X	±0.25
X.XX	±0.13
DIM	TOL
X.°	±3°
X.X°	±1.0°
Angle	TOL

Id.	Modification	Date	Name
④	Add page 3~8	22.11.2019	Carson
③	Add solder temperature	15.04.2019	Xavier
②	Correct the dimensioning of "H"	27.10.2016	Amy
①	Update the operating temperature	10.10.2014	Winnie
⓪	Drawn	15.08.2012	Lucas

		Date	Name
Drawn		22.11.2019	Carson
Approved		22.11.2019	Carson

ASSMANN WSW components

Customer-No.

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

Drawing-No.
ASS 4896 CO

rev04

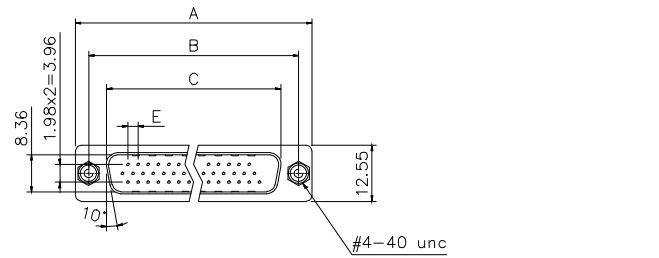
Replace

Sheet
2/8

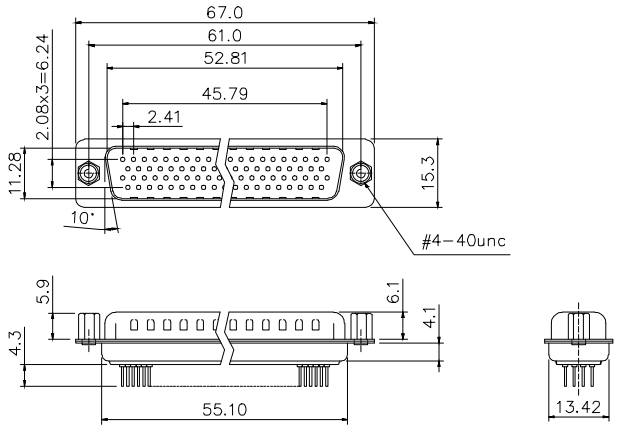
Downloaded from Arrow.com.

Male

④



15,26,44,62 Posistions



78 Posistions

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
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.

Order Code:

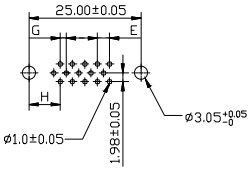
A-HD x xx PP/Z-UNC1

Contact style:
F - Female
S - Male

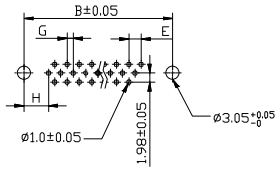
No. of Contacts
15 / 26 / 44 / 62 / 78

Standard: Quality class III

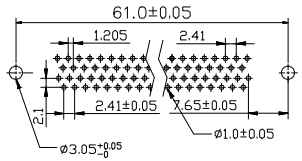
P.C.B LAYOUT PATTERN



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
TOLERANCE	
X.	±0.38
X.X	±0.25
X.XX	±0.13
DIM	TOL
X.°	±3°
X.X°	±1.0°
Angle	TOL

Id.	Modification	Date	Name
④	Add page 3~8	22.11.2019	Carson
③	Add solder temperature	15.04.2019	Xavier
②	Correct the dimensioning of "H"	27.10.2016	Amy
①	Update the operating temperature	10.10.2014	Winnie
⓪	Drawn	15.08.2012	Lucas

	Date	Name
Drawn	22.11.2019	Carson
Approved	22.11.2019	Carson

ASSMANN WSW components

Customer-No.

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

Drawing-No.
ASS 4896 CO

rev04

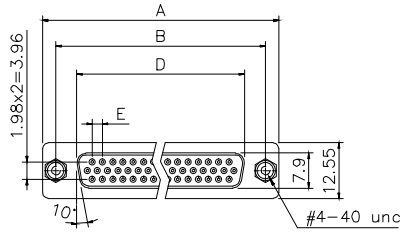
Replace

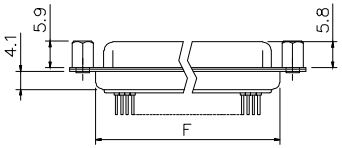
Sheet
3/8

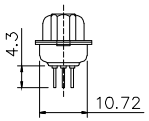
Downloaded from Arrow.com.

Female

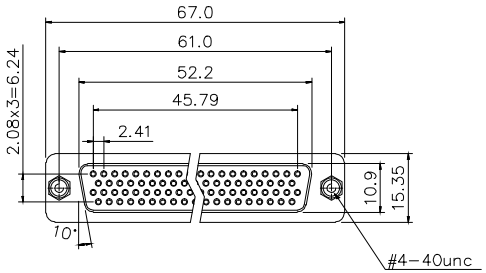
④

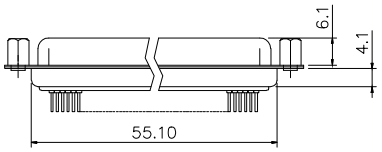


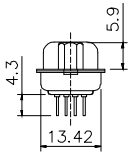




15,26,44,62 Posistions

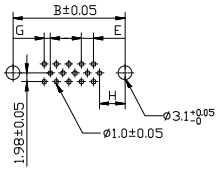




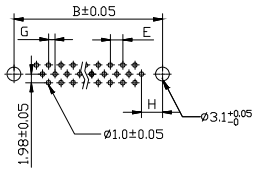


78 Posistions

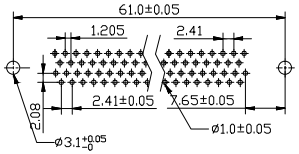
P.C.B LAYOUT PATTERN



15 POSITION FEMALE



26,44,62 POSITION FEMALE



78 POSITION MALE/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
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.

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
TOLERANCE	
X.	±0.38
X.X	±0.25
X.XX	±0.13
DIM	TOL
X.°	±3°
X.X°	±1.0°
Angle	TOL

Id.	Modification	Date	Name
④	Add page 3~8	22.11.2019	Carson
③	Add solder temperature	15.04.2019	Xavier
②	Correct the dimensioning of "H"	27.10.2016	Amy
①	Update the operating temperature	10.10.2014	Winnie
⓪	Drawn	15.08.2012	Lucas

	Date	Name
Drawn	22.11.2019	Carson
Approved	22.11.2019	Carson

ASSMANN WSW components

Customer-No.

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

Drawing-No.
ASS 4896 CO

rev04

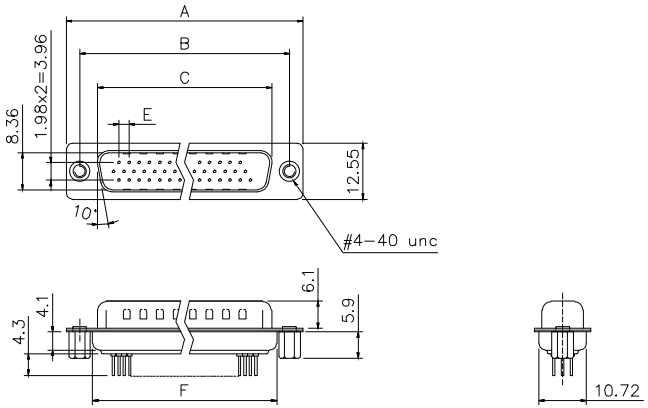
Replace

Sheet
4/8

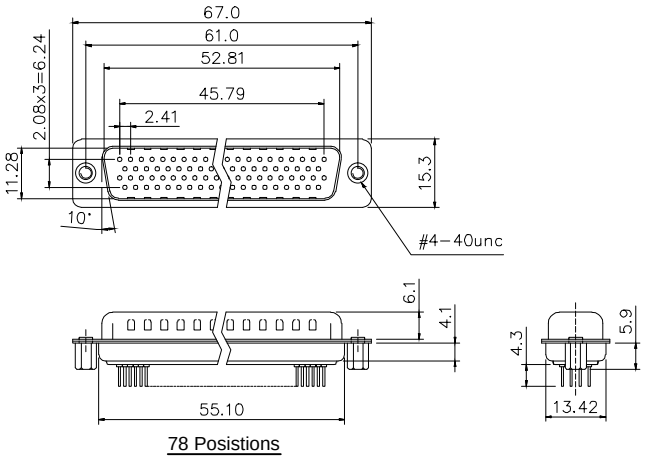
Downloaded from Arrow.com.

Male

④



15,26,44,62 Posistions



78 Posistions

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
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.

Order Code:

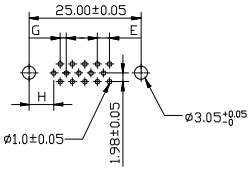
A-HD x xx PP/Z-UNC2

Contact style:
F - Female
S - Male

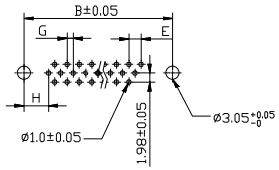
No. of Contacts
15 / 26 / 44 / 62 / 78

Standard: Quality class III

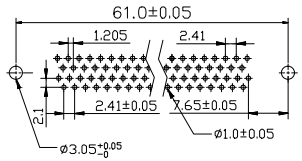
P.C.B LAYOUT PATTERN



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
TOLERANCE	
X.	±0.38
X.X	±0.25
X.XX	±0.13
DIM	TOL
X.°	±3°
X.X°	±1.0°
Angle	TOL

Id.	Modification	Date	Name
④	Add page 3~8	22.11.2019	Carson
③	Add solder temperature	15.04.2019	Xavier
②	Correct the dimensioning of "H"	27.10.2016	Amy
①	Update the operating temperature	10.10.2014	Winnie
⓪	Drawn	15.08.2012	Lucas

	Date	Name
Drawn	22.11.2019	Carson
Approved	22.11.2019	Carson

ASSMANN WSW components

Customer-No.

ASSMANN WSW-No.
A-HD x xx PP/Z-UNC2

Drawing-No.
ASS 4896 CO

rev04

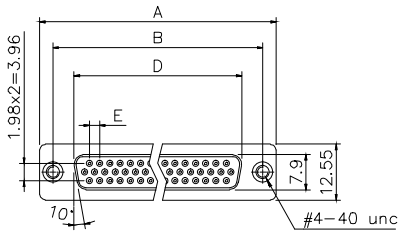
Replace

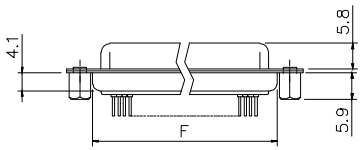
Sheet
5/8

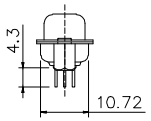
Downloaded from Arrow.com.

Female

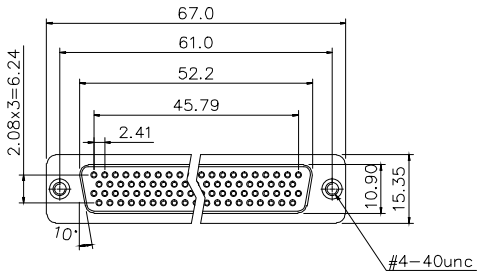
④

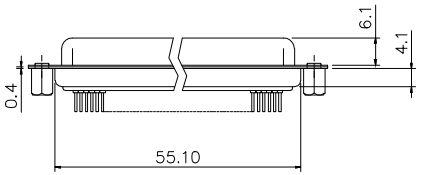


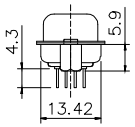




15,26,44,62 Posistions







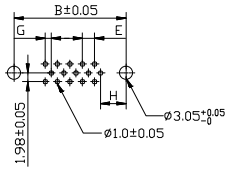
78 Posistions

NOTES:

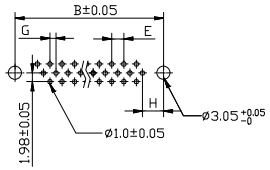
MATERIAL
1.Insulator Material:Glass-filled thermoplastic PBT,UL94V-0
2.Contact Material:Copper alloy
3.Shell: Steel, 100u" Tin over 50u" Min Copper
4.Clinch Nut: Brass, 100u" min Nickel Plated

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.

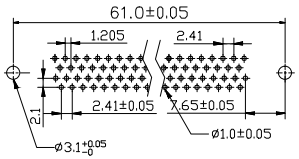
P.C.B LAYOUT PATTERN



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
TOLERANCE	
X.	±0.38
X.X	±0.25
X.XX	±0.13
DIM	TOL
X.°	±3°
X.X°	±1.0°
Angle	TOL

Id.	Modification	Date	Name
④	Add page 3~8	22.11.2019	Carson
③	Add solder temperature	15.04.2019	Xavier
②	Correct the dimensioning of "H"	27.10.2016	Amy
①	Update the operating temperature	10.10.2014	Winnie
⓪	Drawn	15.08.2012	Lucas

	Date	Name
Drawn	22.11.2019	Carson
Approved	22.11.2019	Carson

ASSMANN WSW components

Customer-No.

ASSMANN WSW-No.
A-HD x xx PP/Z-UNC2

Drawing-No.
ASS 4896 CO

rev04

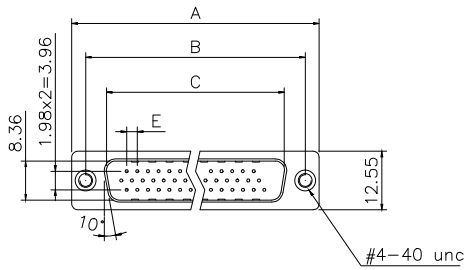
Replace

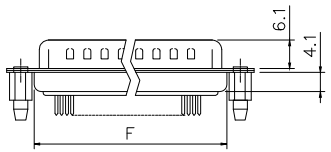
Sheet
6/8

Downloaded from Arrow.com.

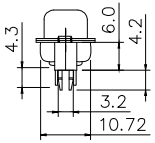
Male

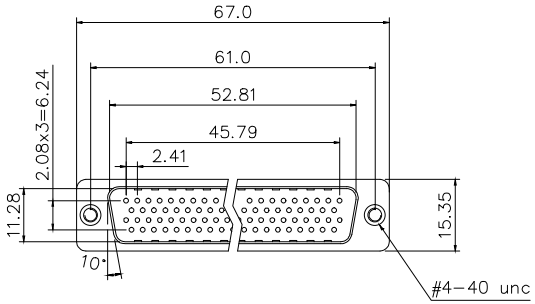
④

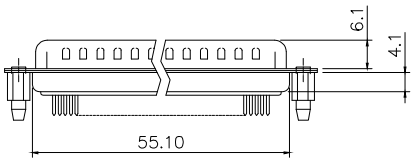




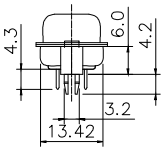
15,26,44,62 Posistions







78 Posistions



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.

Order Code:

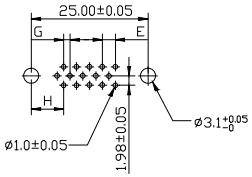
A-HD x xx PP/Z-UNC3

Contact style:
F - Female
S - Male

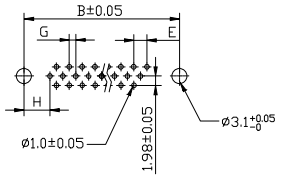
No. of Contacts
15 / 26 / 44 / 62 / 78

Standard: Quality class III

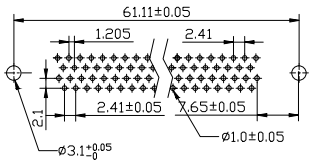
P.C.B LAYOUT PATTERN



15 POSITION MALE



26,44,62 POSITION MALE



78 POSITION MALE/FEMALE

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
TOLERANCE	
X.	±0.38
X.X	±0.25
X.XX	±0.13
DIM	TOL
X.°	±3°
X.X°	±1.0°
Angle	TOL

Id.	Modification	Date	Name
④	Add page 3~8	22.11.2019	Carson
③	Add solder temperature	15.04.2019	Xavier
②	Correct the dimensioning of "H"	27.10.2016	Amy
①	Update the operating temperature	10.10.2014	Winnie
⓪	Drawn	15.08.2012	Lucas

	Date	Name
Drawn	22.11.2019	Carson
Approved	22.11.2019	Carson

ASSMANN WSW components

Customer-No.

ASSMANN WSW-No.
A-HD x xx PP/Z-UNC3

Drawing-No.
ASS 4896 CO

rev04

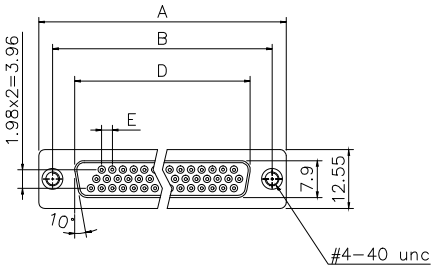
Replace

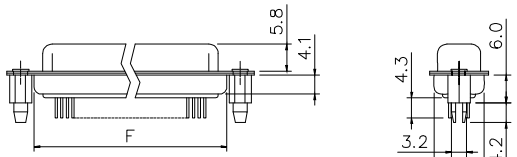
Sheet
7/8

Downloaded from Arrow.com.

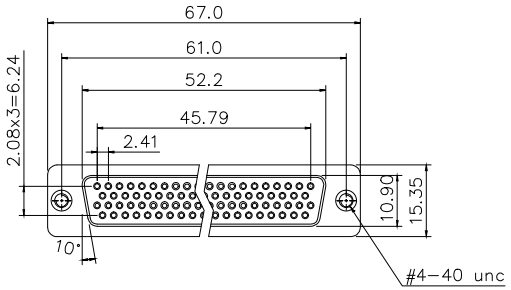
Female

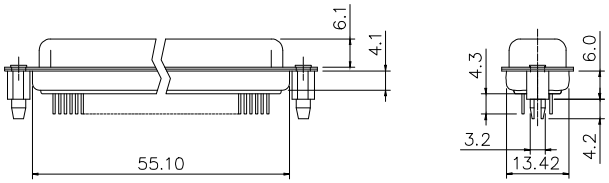
④





15,26,44,62 Posistions





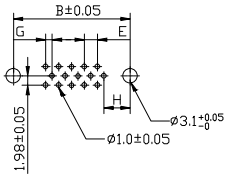
78 Posistions

NOTES:

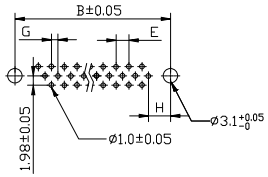
MATERIAL
1.Insulator Material:Glass-filled thermoplastic PBT,UL94V-0
2.Contact Material:Copper alloy
3.Shell: Steel, 100u" Tin over 50u" Min Copper
4.Boardlock: Brass, Tin Plated

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.

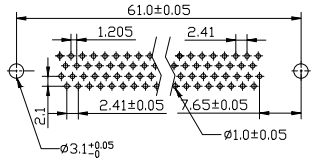
P.C.B LAYOUT PATTERN



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
TOLERANCE	
X.	±0.38
X.X	±0.25
X.XX	±0.13
DIM	TOL
X.°	±3°
X.X°	±1.0°
Angle	TOL

Id.	Modification	Date	Name
④	Add page 3~8	22.11.2019	Carson
③	Add solder temperature	15.04.2019	Xavier
②	Correct the dimensioning of "H"	27.10.2016	Amy
①	Update the operating temperature	10.10.2014	Winnie
⓪	Drawn	15.08.2012	Lucas

	Date	Name
Drawn	22.11.2019	Carson
Approved	22.11.2019	Carson

ASSMANN WSW components

Customer-No.

ASSMANN WSW-No.
A-HD x xx PP/Z-UNC3

Drawing-No.
ASS 4896 CO

rev04

Replace

Sheet
8/8

Downloaded from Arrow.com.