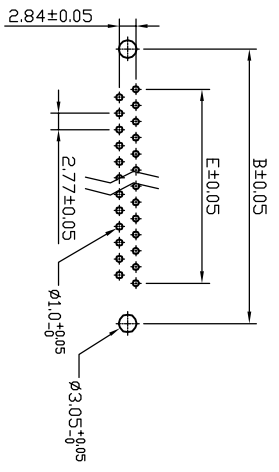
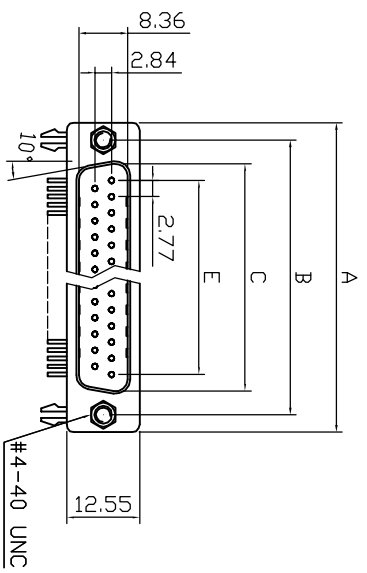


1	2	3	4	5	6	7
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**Male**



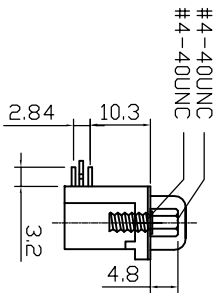
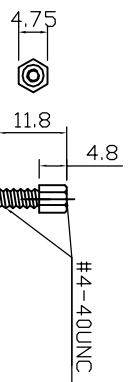
**RECOMMENDED PCB LAYOUT**

① Product Specification

**Material**  
 Insulator: Glass-Filled thermoplastic PBT, UL94V-0  
 Shell: Steel 7439-89-6  
 100µ" Tin over 80µ" min copper  
 Clinch Nut: Copper alloy, Nickel plated  
 Boardlock: Brass, Tin plated  
 Screwlock: Brass, Nickel plated  
 Contact: Phosphor bronze  
 Contact plating: Gold flash full gold

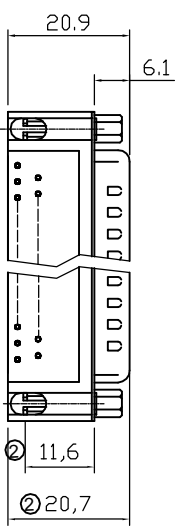
**Electrical**  
 Contact Resistance: 20mΩ/contact max at 1AMP/DC  
 Insulation Resistance: 1000MΩ at 500VDC  
 Dielectric Withstanding Voltage: 1000VAC/rms 60Hz for 1 minute  
 Current Rating: 3AMP  
 Voltage Rating: 250VAC/rms 60Hz  
 Temperature Range: -20°C ~ 85°C

① Solder temp for wave soldering: 220°C ±5°C, 3-5sec.



**Dimensions**

Positions	A	B	C	E
9	30.81	24.99	16.92	11.08
15	39.20	33.30	25.25	19.39
25	53.05	47.04	38.96	33.24
37	69.40	63.50	55.42	49.86



9.4mm Footprint

**ROHS compliant**  
Unit:mm



Scale	Free							
<b>TOLERANCE</b>		④	Edit Product Specification	28.06.2018	S. Bölling	Drawn	15.08.2012	Lucas
X.	±0.38	③	Add the UL number	11.12.2015	Winnie	Approved	11.12.2015	Winnie
X.XX	±0.25	②	Update the dimension	27.02.2015	Winnie			
<b>DIM</b>		①	Add the soldering temperature	24.01.2014	Winnie			
X.°	±3°	①	Drawn	15.08.2012	Lucas			
X.X°	±1.0°		Modification					
Angle	TOL	Id.						



Customer-No.		ASSMANN WSW-No.	
		A-Dx xx A/KG-T1/T3	
Drawing-No.		ASS 4889 CO	rev04
Replace			Sheet 1/2

1	2	3	4	5	6	7
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1

2

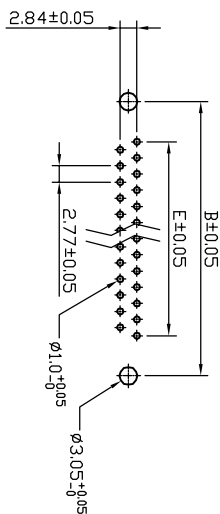
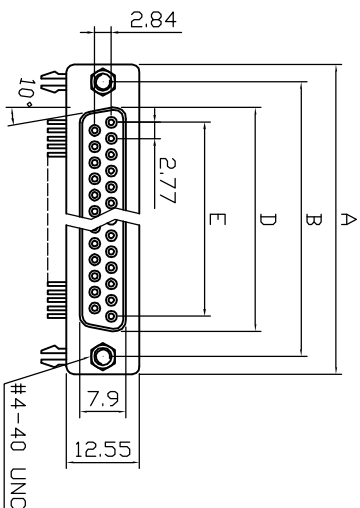
3

4

5

6

7

**Female****RECOMMENDED PCB LAYOUT**

FEMALE\MALE

## ④ Product Specification

## Material

Insulator: Glass-Filled thermoplastic PBT, UL94V-0

Shell: Steel 7439-89-6

100µ" Tin over 80µ" min copper

Clinch Nut: Copper alloy, Nickel plated

Boardlock: Brass, Tin plated

Screwlock: Brass, Nickel plated

Contact: Phosphor bronze

Contact plating: Gold flash full gold

## Electrical

Contact Resistance: 20mΩ/contact max at 1AMP/DC

Insulation Resistance: 1000MΩ at 500VDC

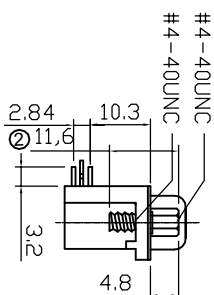
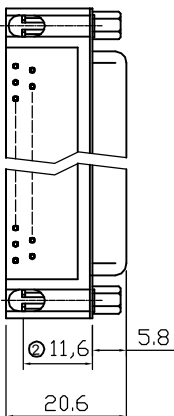
Dielectric Withstanding Voltage: 1000VAC/rms 60Hz for 1 minute

Current Rating: 3AMP

Voltage Rating: 250VAC/rms 60Hz

Temperature Range: -20°C ~ 85°C

① Solder temp for wave soldering: 220°C ±5°C, 3--5sec.



9.4mm Footprint

Dimensions		A	B	D	E
Positions	9	30.81	24.99	16.33	11.08
	15	39.20	33.30	24.70	19.39
	25	53.05	47.04	38.40	33.24
	37	69.40	63.50	54.80	49.86

Scale Free

TOLERANCE

X. ±0.38

X.X ±0.25

X.XX ±0.13

DIM TOL

X.° ±3°

X.X° ±1.0°

Angle TOL

④ Edit Product Specification

③ Add the UL number

② Update the dimension

① Add the soldering temperature

① Drawn

Modification

Date

Name

Date

Name

Date

Name

Date

Name

Date

Name

Customer-No.

ASSMANN WSW-No.

A-Dx xx A/KG-T1/T3

Drawing-No.

ASS 4889 CO

rev04

Replace

Sheet 2/2



File No.: E198287

**ROHS compliant**

Unit:mm

1

2

3

4

5

6

7

**ASSMANN**  
 WSW/ components