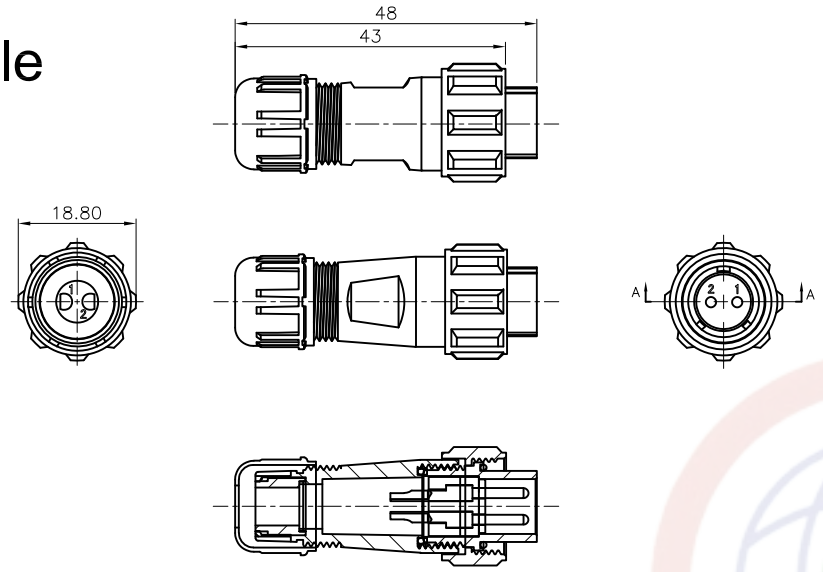
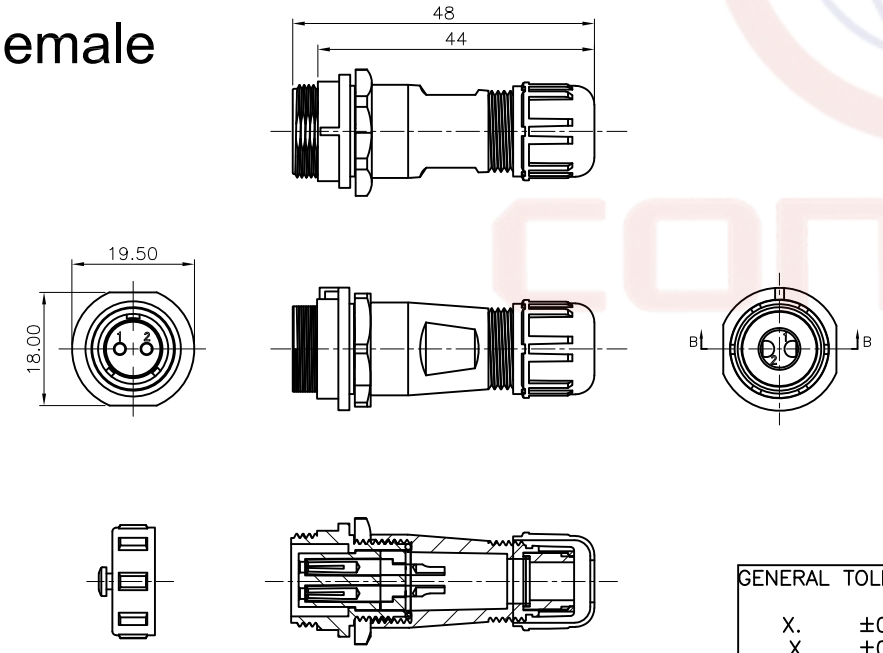
Dept / Qty	
DC	1
ED	1
IE	1
ISO	1
PD	1
R&D	1
SD	1
QA	1
QC	1
QE	1

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Male



Female



REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	WPY 02/08/25'		

NOTE:
1. Rated voltage:250V
2. Rated current:13A
3. Insulation resistance:2000MΩ
4. Withstand voltage:1500V
5. Operating temperature: −25℃ to +85℃
6. Wiring method: Solder
7. Mating cycle: 500 cycles

Materials:
1. Shell material: PPO,PA66,UL94V−0
2. Insulation material: PPS
   High temperature resistance 260℃
3. Contact material: Brass with gold plating

Product Number Code:
DS1110-24-X X X X X X

- Install Type: A:Docking Type
- Cable diameter: 1:4-6.5mm 2:5-8mm
- Contact Plating: 8:Gold flash
- Color of nut: U:blue
- Color of housing: B:Black
- No. of Contacts: 2-9

GENERAL TOLERANCE		ANGLE TOLERANCE	
X.	±0.60	X.	±5°
.X	±0.38	.X	±3°
.XX	±0.25	.XX	±2°

DRAWING TYPE	CUSTOMER		
SCALE	1:1	SHEET	1 OF 4
DRAWING NO.	C-DS1110-24-XXXXXX-A		

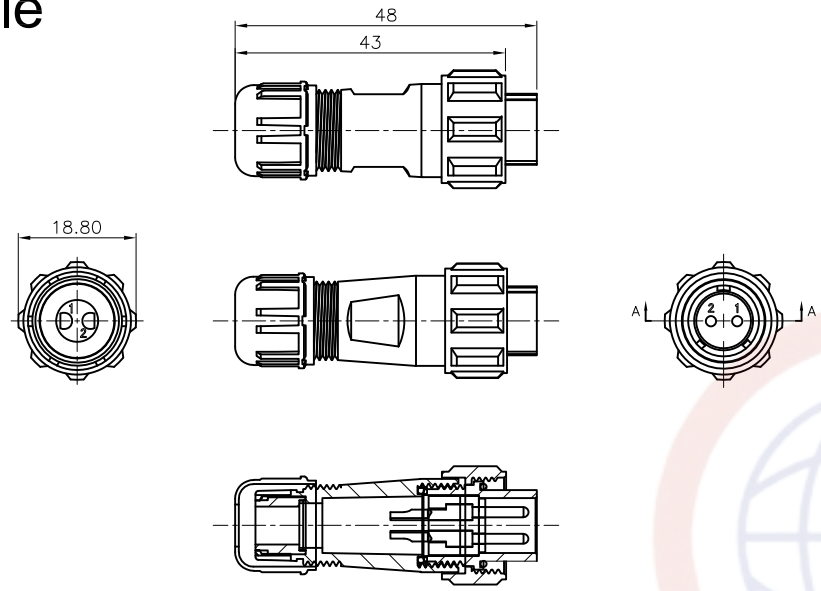
PROJECTION		TITLE	13mm Waterproof aviation plug (Solder type)
UNITS	mm		
SHEET SIZE	A4	SERIES	DS1110-24 Series

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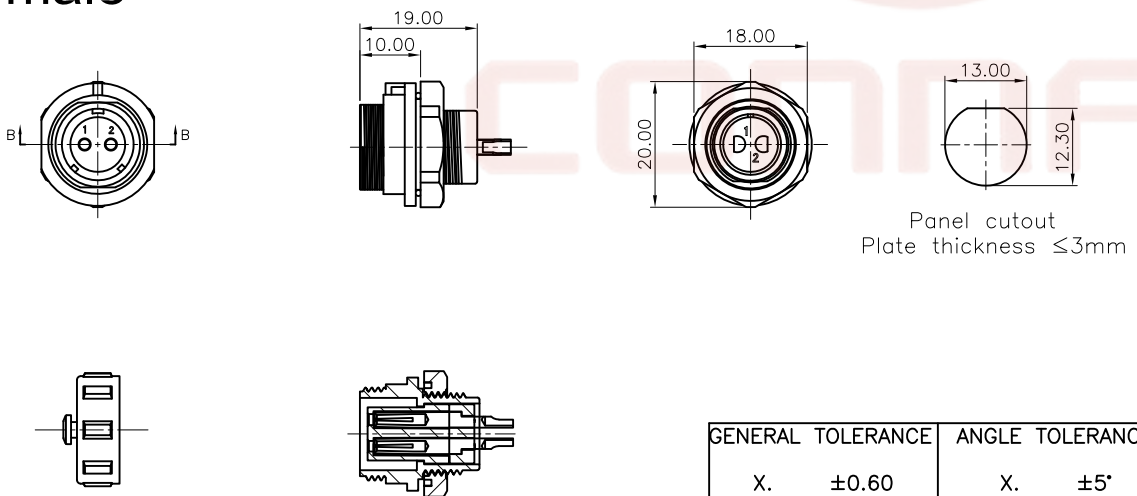
Dept / Qty	
DC	1
ED	1
IE	1
ISO	1
PD	1
R&D	1
SD	1
QA	1
QC	1
QE	1

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Male



Female



REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	WPY 02/08/25'		

NOTE:
1. Rated voltage:250V
2. Rated current:13A
3. Insulation resistance:2000MΩ
4. Withstand voltage:1500V
5. Operating temperature: −25℃ to +85℃
6. Wiring method: Solder
7. Mating cycle: 500 cycles

Materials:
1. Shell material: PPO,PA66,UL94V−0
2. Insulation material: PPS
   High temperature resistance 260℃
3. Contact material: Brass with gold plating

Product Number Code:
DS1110-24-X X X X X X

- Install Type: B:Rear nut type
- Cable diameter: 1:4-6.5mm 2:5-8mm
- Contact Plating: 8:Gold flash
- Color of nut: U:blue
- Color of housing: B:Black
- No. of Contacts: 2-9

GENERAL TOLERANCE		ANGLE TOLERANCE	
X.	±0.60	X.	±5°
.X	±0.38	.X	±3°
.XX	±0.25	.XX	±2°

DRAWING TYPE	CUSTOMER		
SCALE	1:1	SHEET	2 OF 4
DRAWING NO.	C-DS1110-24-XXXXXX-A		

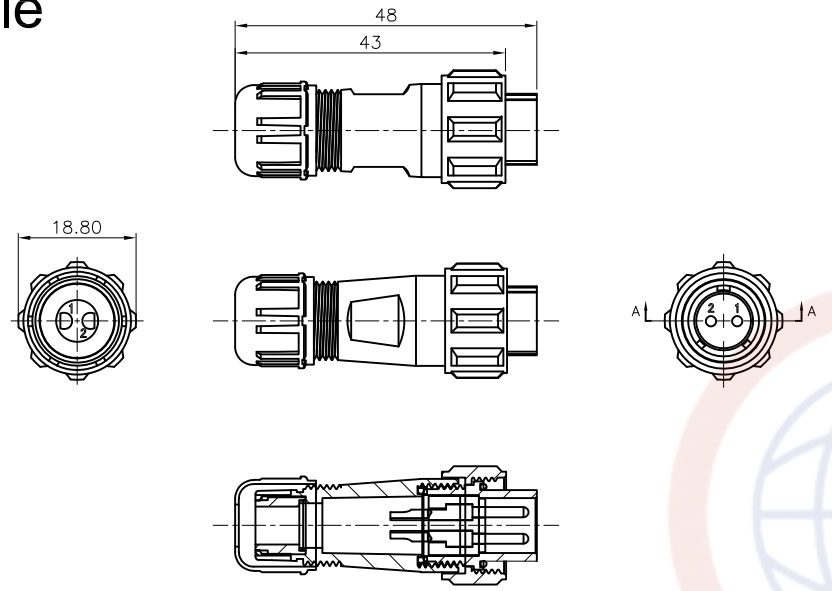
PROJECTION		TITLE	13mm Waterproof aviation plug (Solder type)
UNITS	mm		
SHEET SIZE	A4	SERIES	DS1110-24 Series

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Dept / Qty	
DC	1
ED	1
IE	1
ISO	1
PD	1
R&D	1
SD	1
QA	1
QC	1
QE	1

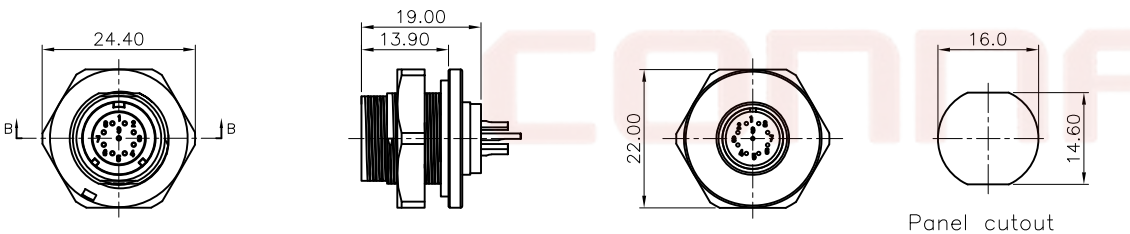
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Male

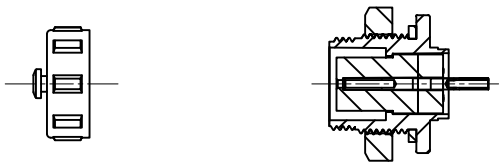


SECTION A–A

Female



Panel cutout
Plate thickness ≤3mm



SECTION B–B

REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	WPY 02/08/25'		

NOTE:
1. Rated voltage:250V
2. Rated current:13A
3. Insulation resistance:2000MΩ
4. Withstand voltage:1500V
5. Operating temperature: −25℃ to +85℃
6. Wiring method: Solder
7. Mating cycle: 500 cycles

Materials:
1. Shell material: PPO,PA66,UL94V−0
2. Insulation material: PPS
   High temperature resistance 260℃
3. Contact material: Brass with gold plating

Product Number Code:
DS1110-24-X X X X X X

- Install Type: C:Front nut type
- Cable diameter: 1:4-6.5mm 2:5-8mm
- Contact Plating: 8:Gold flash
- Color of nut: U:blue
- Color of housing: B:Black
- No. of Contacts: 2-9

GENERAL TOLERANCE		ANGLE TOLERANCE	
X.	±0.60	X.	±5°
.X	±0.38	.X	±3°
.XX	±0.25	.XX	±2°

DRAWING TYPE	CUSTOMER		
SCALE	1:1	SHEET	3 OF 4
DRAWING NO.	C-DS1110-24-XXXXXX-A		

PROJECTION		TITLE	13mm Waterproof aviation plug (Solder type)
UNITS	mm		
SHEET SIZE	A4	SERIES	DS1110-24 Series

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Dept / Qty	
DC	1
ED	1
IE	1
ISO	1
PD	1
R&D	1
SD	1
QA	1
QC	1
QE	1

REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	WPY 02/08/25'		

Solder contact arrangement and spec

No.of Contacts	2	3	4	5	6	7	9
Malc contact face view							
Rated current（A）	13A	13A	5A	5A	5A	5A	3A
Contact diameter	1.6*2	1.6*3	1.0*4	1.0*5	1.0*6	1.0*7	0.7*9
Wiring method	Solder						
Woring Voltage(AC.V)	250V	250V	200V	180V	125V	125V	125V
Test Voltage(AC.V)1min	1500V	1500V	1500V	1000V	1000V	1000V	1000V
Contact resistance(mΩ)	2mΩ	2mΩ	5mΩ	5mΩ	5mΩ	5mΩ	10mΩ
Wire Size(mm²/AWG)	≤2/14	≤2/14	≤0.785/18	≤0.785/18	≤0.785/18	≤0.785/18	≤0.785/18

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GENERAL TOLERANCE		ANGLE TOLERANCE	
X.	±0.60	X.	±5°
.X	±0.38	.X	±3°
.XX	±0.25	.XX	±2°

DRAWING TYPE	CUSTOMER		
SCALE	1:1	SHEET	4 OF 4
DRAWING NO.	C-DS1110-24-XXXXXX-A		

PROJECTION		TITLE	13mm Waterproof aviation plug (Solder type)
UNITS	mm		
SHEET SIZE	A4	SERIES	DS1110-24 Series

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