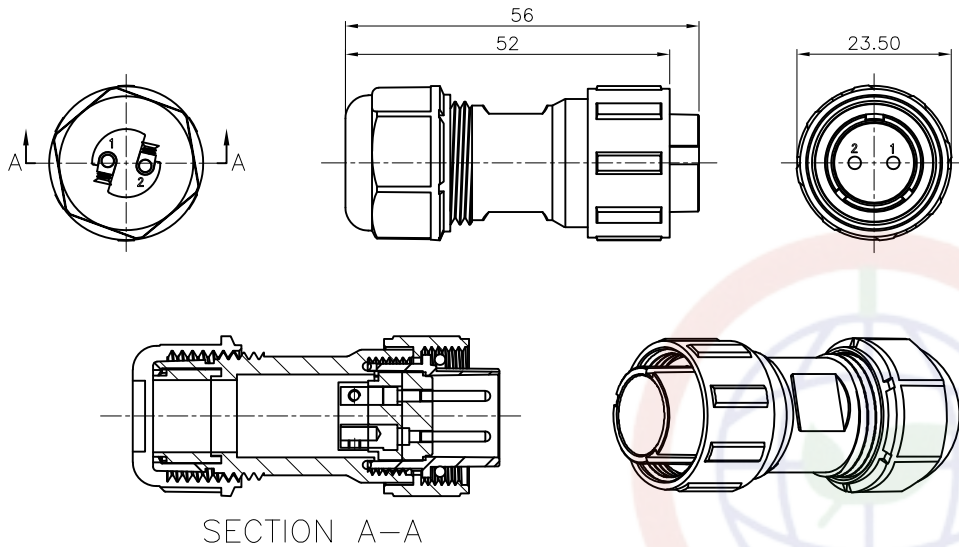


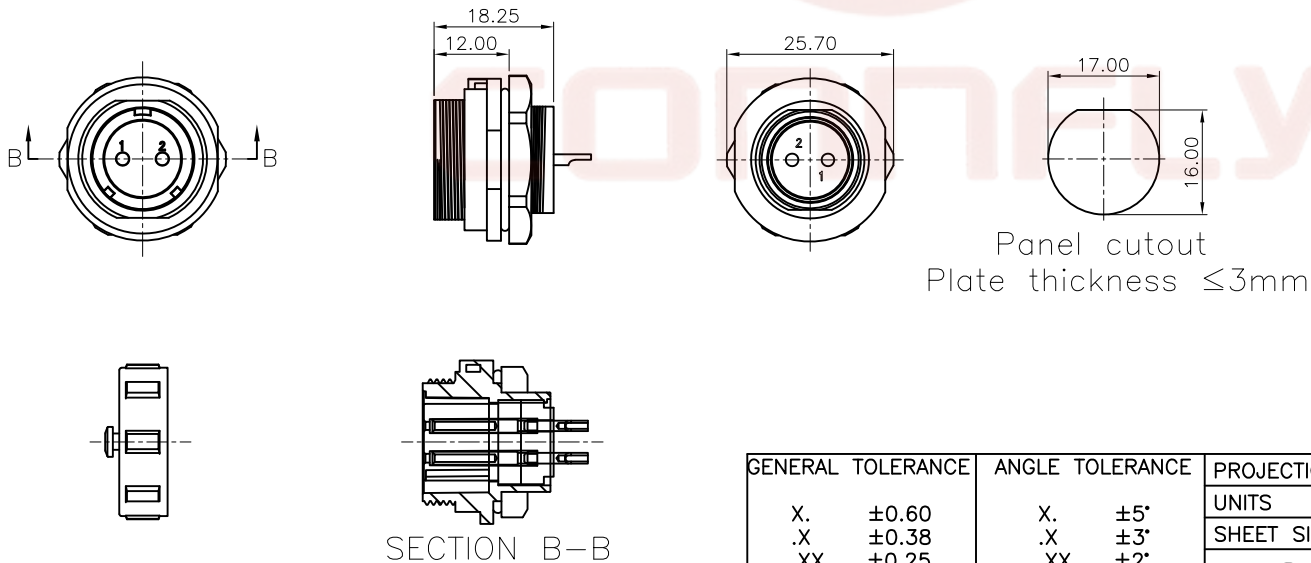
Dept
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ED 1
IE 1
ISO 1
PD 1
R&D 1
SD 1
QA 1
QC 1
QE 1

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Male



Female



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

NOTE:

1. Rated voltage:500V
2. Rated current:5/10A
3. Insulation resistance:2000MΩ
4. Withstand voltage:1500V
5. Operating temperature: -25℃ to +85℃
6. Wiring method: Solder
7. Mating cycle: 500 cycles
8. Cable diameter:7-12mm

Materials:

1. Shell material: PP0, PA66, UL94V-0
2. Insulation material: PPS
- High temperature resistance 260℃
3. Contact material: Brass with gold plating

Product Number Code:

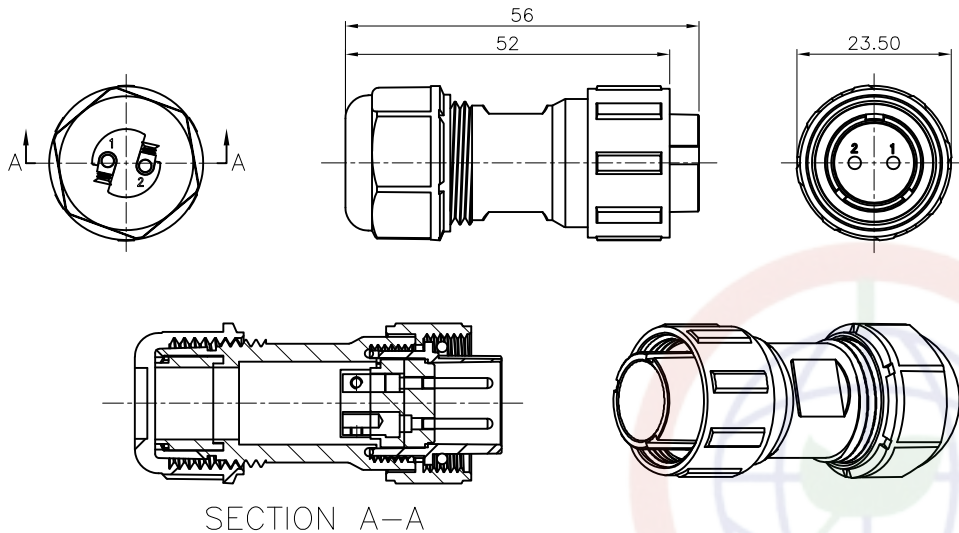
DS1110-25-X X X X X

- Install Type:
A:Rear nut type
Contact Plating:
8:Gold flash
Color of nut:
L:blue
Color of housing:
B:Black
No. of Contacts:
02:2Pin 03:3Pin
04:4Pin 05:5Pin

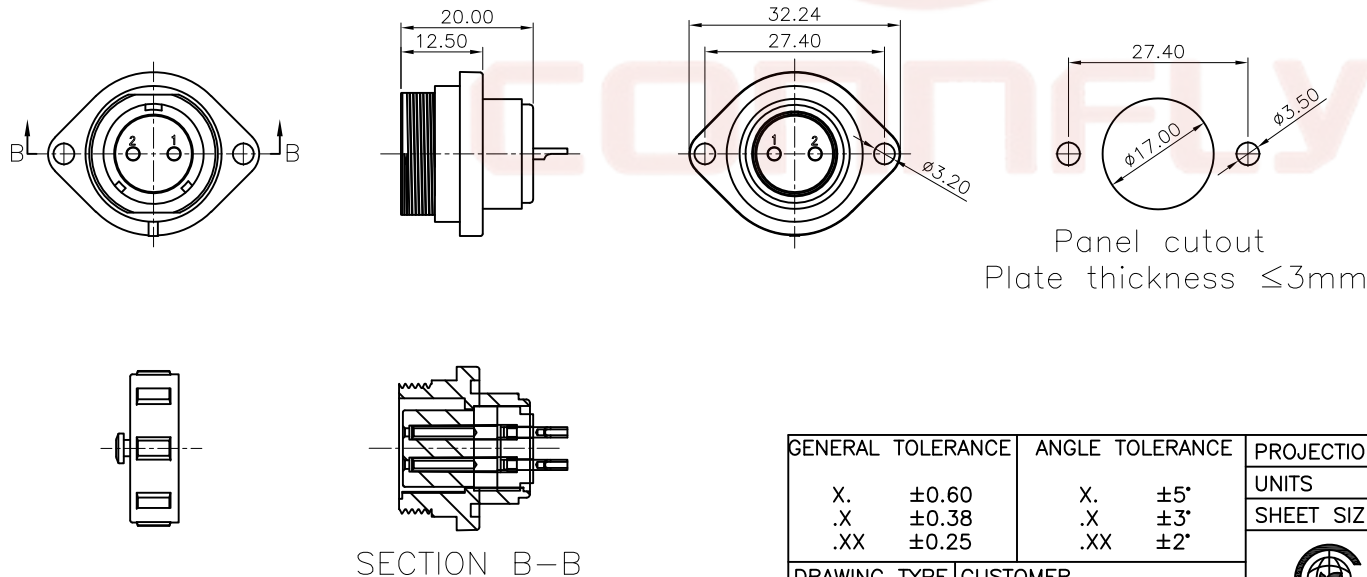
GENERAL TOLERANCE		ANGLE TOLERANCE		PROJECTION		TITLE	M17 Waterproof aviation plug (Solder type)	
X.	±0.60	X.	±5°	UNITS	mm			
.X	±0.38	.X	±3°	SHEET SIZE	A4	SERIES	DS1110-25 Series	
.XX	±0.25	.XX	±2°					
DRAWING TYPE		CUSTOMER		晨翔电子有限公司 CONNFLY CONNFLY ELECTRONIC CO. LTD				
SCALE		1:1	SHEET					
DRAWING NO.		C-DS1110-25-XXXXX-A	1 OF 5					

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Male



Female



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

NOTE:

1. Rated voltage:500V
2. Rated current:5/10A
3. Insulation resistance:2000MΩ
4. Withstand voltage:1500V
5. Operating temperature: -25℃ to +85℃
6. Wiring method: Solder
7. Mating cycle: 500 cycles
8. Cable diameter:7-12mm

Materials:

1. Shell material: PP0, PA66, UL94V-0
2. Insulation material: PPS
- High temperature resistance 260℃
3. Contact material: Brass with gold plating

Product Number Code:

DS1110-25-X X X X X

- Install Type:
B:Flange type
- Contact Plating:
8:Gold flash
- Color of nut:
L:blue
- Color of housing:
B:Black
- No. of Contacts:
02:2Pin 03:3Pin
04:4Pin 05:5Pin

GENERAL TOLERANCE		ANGLE TOLERANCE		PROJECTION		TITLE	M17 Waterproof aviation plug (Solder type)	
X.	±0.60	X.	±5°	UNITS	mm	DS1110-25 Series		
.X	±0.38	.X	±3°	SHEET SIZE	A4			
.XX	±0.25	.XX	±2°					
DRAWING TYPE		CUSTOMER		 晨翔电子有限公司 CONNFLY CONNFLY ELECTRONIC CO. LTD				
SCALE	1:1	SHEET	2 OF 5					
DRAWING NO.	C-DS1110-25-XXXXX-A							

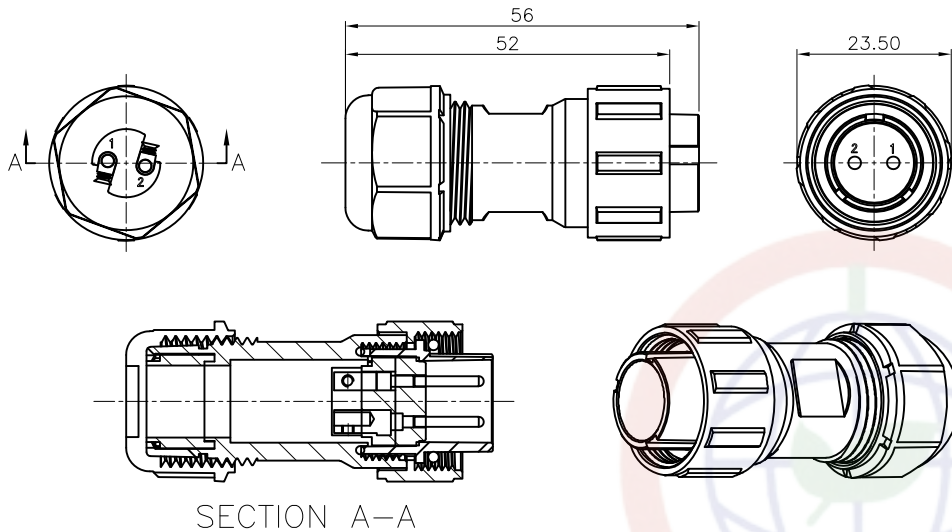


晨翔电子有限公司

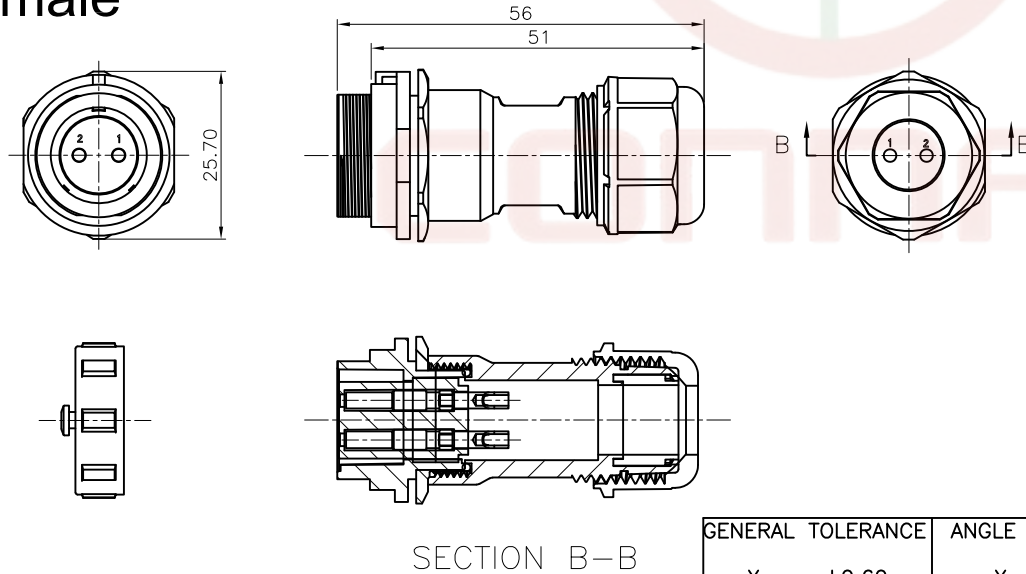
CONNPLY CONNPLY ELECTRONIC CO. LTD

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Male



Female



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

NOTE:

1. Rated voltage:500V
2. Rated current:5/10A
3. Insulation resistance:2000M Ω
4. Withstand voltage:1500V
5. Operating temperature: -25℃ to +85℃
6. Wiring method: Solder
7. Mating cycle: 500 cycles
8. Cable diameter:7-12mm

Materials:

1. Shell material: PP0, PA66, UL94V-0
2. Insulation material: PPS
High temperature resistance 260℃
3. Contact material: Brass with gold plating

Product Number Code:

DS1110-25-X X X X X

- Install Type:
C:Docking type
- Contact Plating:
8:Gold flash
- Color of nut:
L:blue
- Color of housing:
B:Black
- No. of Contacts:
02:2Pin 03:3Pin
04:4Pin 05:5Pin

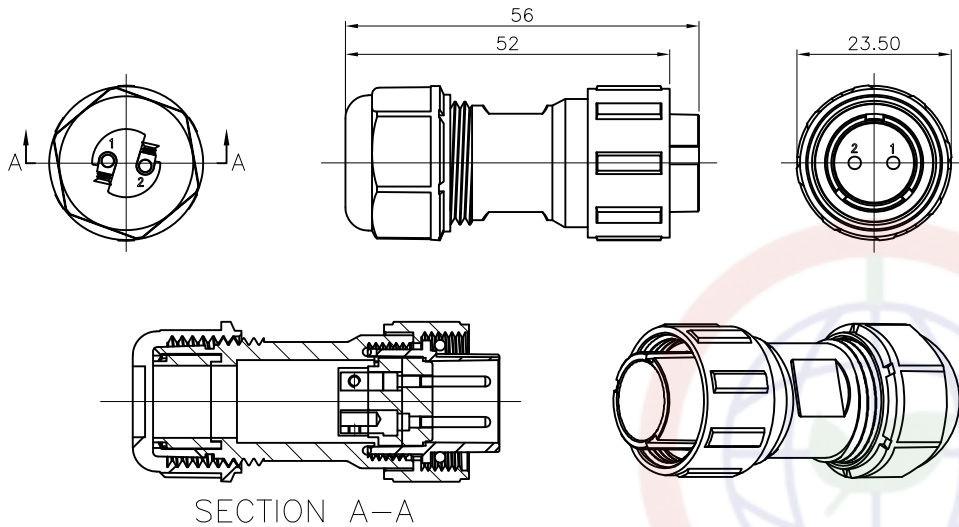
GENERAL TOLERANCE		ANGLE TOLERANCE		PROJECTION		TITLE	M17 Waterproof aviation plug (Solder type)			
X.	±0.60	X.	±5°	UNITS	mm					
.X	±0.38	.X	±3°	SHEET SIZE	A4	SERIES	DS1110-25 Series			
.XX	±0.25	.XX	±2°							
DRAWING TYPE		CUSTOMER		 晨翔电子有限公司 CONNFLY CONNFLY ELECTRONIC CO. LTD						
SCALE		1:1	SHEET						3 OF 5	
DRAWING NO.		C-DS1110-25-XXXXX-A								

晨翔电子有限公司
CONNPLY CONNPLY ELECTRONIC CO. LTD

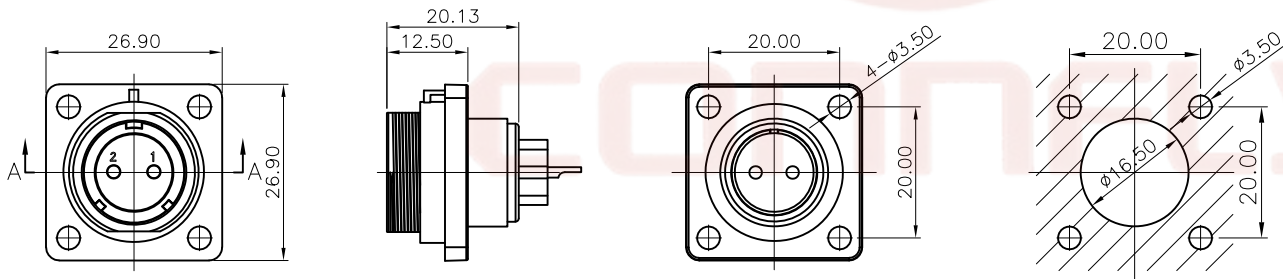
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SD 1
QA 1
QC 1
QE 1

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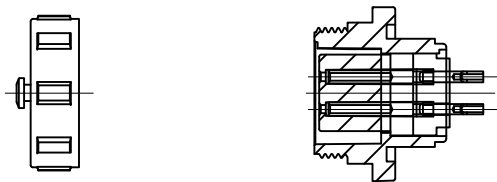
Male



Female



Panel cutout
Plate thickness $\leq 3\text{mm}$



Section B-B

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

NOTE:

1. Rated voltage:500V
2. Rated current:5/10A
3. Insulation resistance:2000M Ω
4. Withstand voltage:1500V
5. Operating temperature: -25℃ to +85℃
6. Wiring method: Solder
7. Mating cycle: 500 cycles
8. Cable diameter:7-12mm

Materials:

1. Shell material: PP0, PA66, UL94V-0
2. Insulation material: PPS
- High temperature resistance 260℃
3. Contact material: Brass with gold plating

Product Number Code:

DS1110-25-X X X X X

- Install Type:
D:Square disc type
- Contact Plating:
8:Gold flash
- Color of nut:
L:blue
- Color of housing:
B:Black
- No. of Contacts:
02:2Pin 03:3Pin
04:4Pin 05:5Pin

GENERAL TOLERANCE		ANGLE TOLERANCE		PROJECTION		TITLE	M17 Waterproof aviation plug (Solder type)		
X.	±0.60	X.	±5°	UNITS	mm				
.X	±0.38	.X	±3°	SHEET SIZE	A4	SERIES	DS1110-25 Series		
.XX	±0.25	.XX	±2°						
DRAWING TYPE		CUSTOMER		 晨翔电子有限公司 CONNFLY CONNFLY ELECTRONIC CO. LTD					
SCALE		1:1	SHEET						4 OF 5
DRAWING NO.		C-DS1110-25-XXXXX-A							



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Dept

Qty

DC

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ED

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IE

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ISO

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PD

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R&D

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SD

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QA

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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
Malc contact face view				
Rated current (A)	10A	10A	5A	5A
Contact diameter	1.5*2	1.5*3	1.0*4	1.0*5
Wiring method	Solder	Solder	Solder	Solder
Woring Voltage(AC.V)	500V	500V	500V	500V
Test Voltage(AC.V)1min	1500V	1500V	1500V	1500V
Contact resistance(mΩ)	2.5mΩ	2.5mΩ	5mΩ	5mΩ
Wire Size(mm²/AWG)	≤2/14	≤2/14	≤0.785/18	≤0.785/18

GENERAL TOLERANCE

X. ±0.60

.X ±0.38

.XX ±0.25

ANGLE TOLERANCE

X. ±5°

.X ±3°

.XX ±2°

DRAWING TYPE

CUSTOMER

SCALE

1:1

SHEET

5 OF 5

DRAWING NO.

C-DS1110-25-XXXXX-A

PROJECTION

UNITS

SHEET SIZE

A4

TITLE

17mm Waterproof aviation plug
(Solder type)

SERIES

DS1110-25 Series



晨翔电子有限公司

CONNFLY CONNFLY ELECTRONIC CO. LTD

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No.of Contacts	2	3	4	5
Malc contact face view				
Rated current (A)	10A	10A	5A	5A
Contact diameter	1.5*2	1.5*3	1.0*4	1.0*5
Wiring method	Solder	Solder	Solder	Solder
Woring Voltage(AC.V)	500V	500V	500V	500V
Test Voltage(AC.V)1min	1500V	1500V	1500V	1500V
Contact resistance(mΩ)	2.5mΩ	2.5mΩ	5mΩ	5mΩ
Wire Size(mm²/AWG)	≤2/14	≤2/14	≤0.785/18	≤0.785/18

GENERAL TOLERANCE		ANGLE TOLERANCE		PROJECTION		TITLE	17mm Waterproof aviation plug (Solder type)	
X.	±0.60	X.	±5°	UNITS	mm			
.X	±0.38	.X	±3°	SHEET SIZE	A4	SERIES	DS1110-25 Series	
.XX	±0.25	.XX	±2°					
DRAWING TYPE		CUSTOMER			 晨翔电子有限公司 CONNFLY CONNFLY ELECTRONIC CO. LTD			
SCALE		1:1	SHEET	5 OF 5				
DRAWING NO.		C-DS1110-25-XXXX-A						