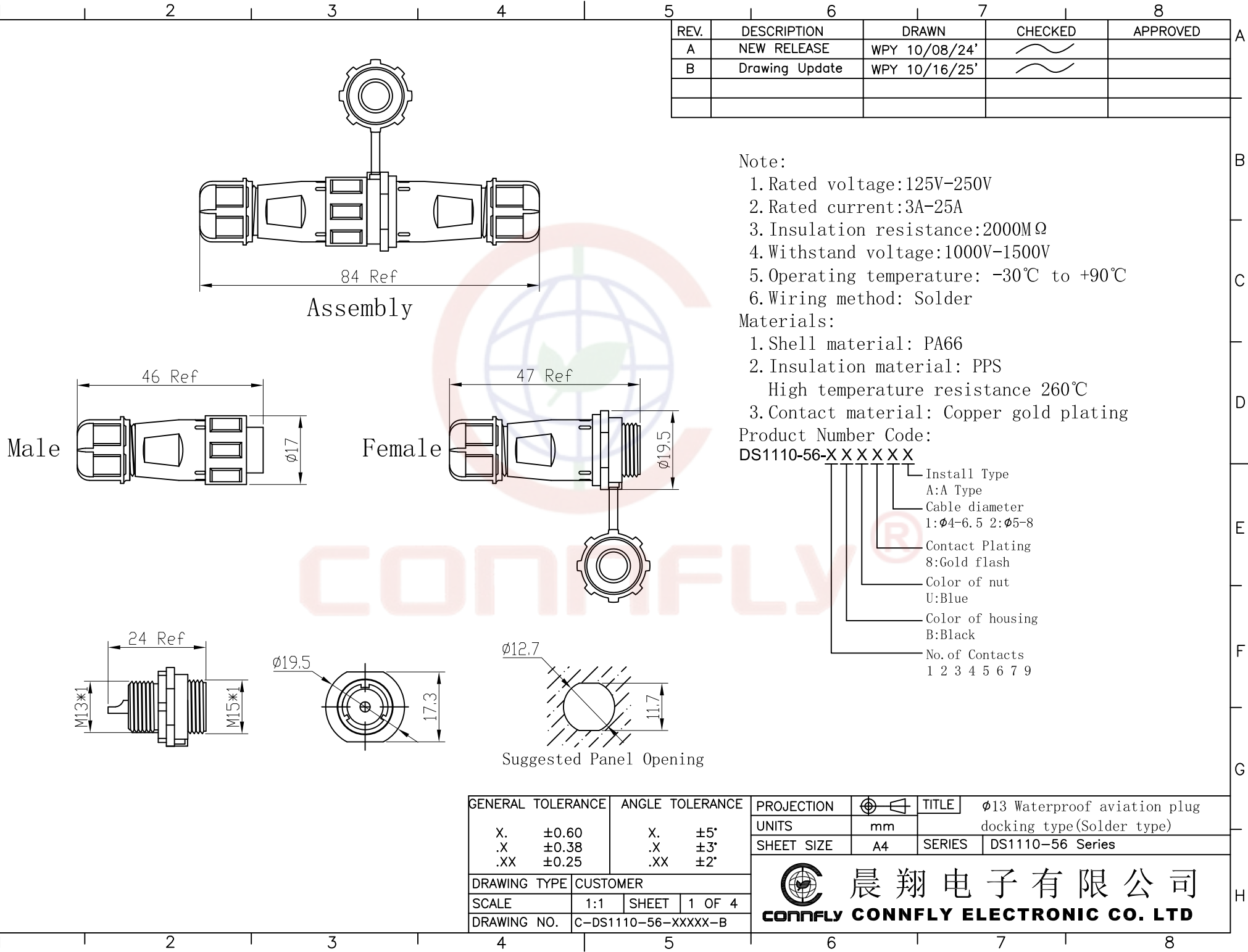


Dept
Qty
DC 1
ED 1
IE 1
ISO 1
PD 1
R&D 1
SD 1
QA 1
QC 1
QE 1

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REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	WPY 10/08/24'		
B	Drawing Update	WPY 10/16/25'		

Note:
1. Rated voltage:125V-250V
2. Rated current:3A-25A
3. Insulation resistance:2000MΩ
4. Withstand voltage:1000V-1500V
5. Operating temperature: -30℃ to +90℃
6. Wiring method: Solder

Materials:
1. Shell material: PA66
2. Insulation material: PPS
High temperature resistance 260℃
3. Contact material: Copper gold plating

Product Number Code:
DS1110-56-XXXXXX
Install Type
A:A Type
Cable diameter
1:φ4-6.5 2:φ5-8
Contact Plating
8:Gold flash
Color of nut
U:Blue
Color of housing
B:Black
No. of Contacts
1 2 3 4 5 6 7 9

GENERAL TOLERANCE		ANGLE TOLERANCE		PROJECTION		TITLE	Ø13 Waterproof aviation plug	
X.	±0.60	X.	±5°	UNITS	mm		docking type(Solder type)	
.X	±0.38	.X	±3°	SHEET SIZE	A4	SERIES	DS1110-56 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					1 OF 4
DRAWING NO.		C-DS1110-56-XXXX-B						

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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

1
2
3
4
5
6
7
8

REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	WPY 10/08/24'		
B	Drawing Update	WPY 10/16/25'		

A

B

C

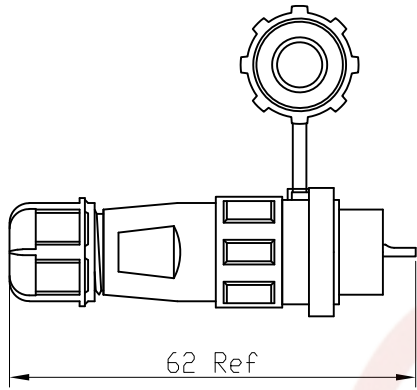
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E

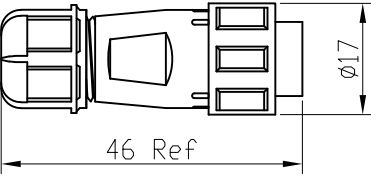
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G

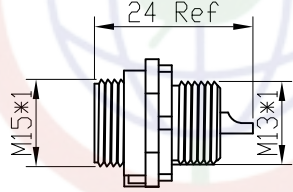
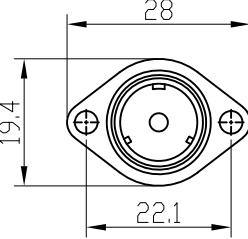
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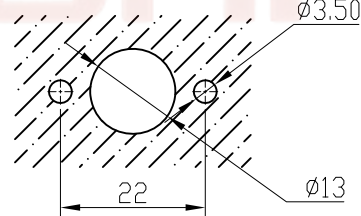
Assembly



Male



Female



Suggested Panel Opening

Note:

1. Rated voltage:125V-250V
2. Rated current:3A-25A
3. Insulation resistance:2000MΩ
4. Withstand voltage:1000V-1500V
5. Operating temperature: -30℃ to +90℃
6. Wiring method: Solder

Materials:

1. Shell material: PA66
2. Insulation material: PPS
- High temperature resistance 260℃
3. Contact material: Copper gold plating

Product Number Code:

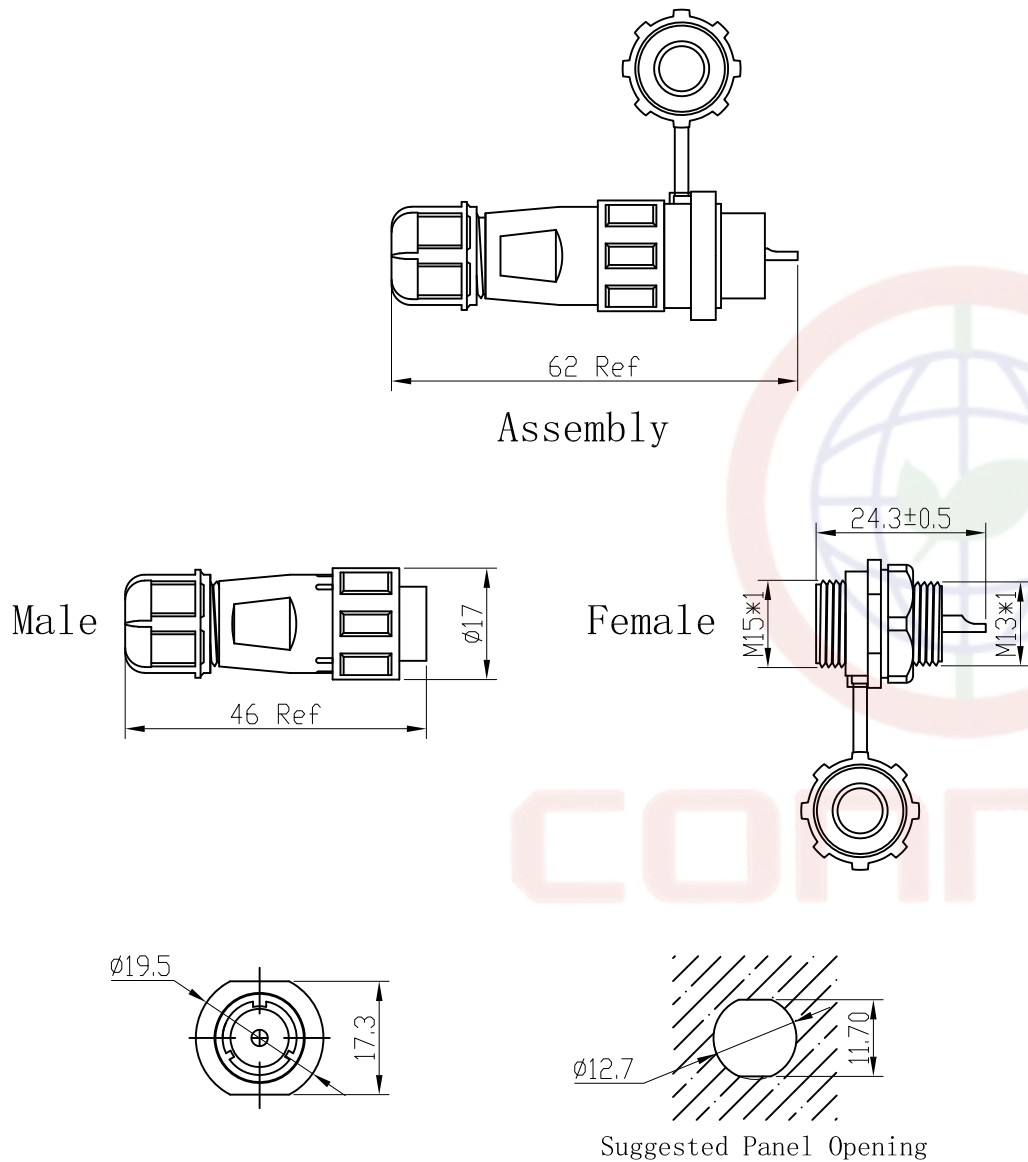
DS1110-56-X X X X X X

- Install Type
- B:B Type
- Cable diameter
- 1:φ4-6.5 2:φ5-8
- Contact Plating
- 8:Gold flash
- Color of nut
- U:Blue
- Color of housing
- B:Black
- No. of Contacts
- 1 2 3 4 5 6 7 9

GENERAL TOLERANCE		ANGLE TOLERANCE		PROJECTION		TITLE	φ13 Waterproof aviation plug				
X.	±0.60	X.	±5°	UNITS	mm		flange type(Solder type)				
.X	±0.38	.X	±3°	SHEET SIZE	A4	SERIES	DS1110-56 Series				
.XX	±0.25	.XX	±2°	 晨翔电子有限公司 CONNFLY CONNFLY ELECTRONIC CO. LTD							
DRAWING TYPE		CUSTOMER									
SCALE		1:1									
DRAWING NO.		C-DS1110-56-XXXXX-B									

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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REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	WPY 10/08/24'		
B	Drawing Update	WPY 10/16/25'		

- Note:
1. Rated voltage:125V-250V
 2. Rated current:3A-25A
 3. Insulation resistance:2000MΩ
 4. Withstand voltage:1000V-1500V
 5. Operating temperature: -30℃ to +90℃
 6. Wiring method: Solder

- Materials:
1. Shell material: PA66
 2. Insulation material: PPS
 - High temperature resistance 260℃
 3. Contact material: Copper gold plating

Product Number Code:
DS1110-56-X X X X X X

- Install Type
- C:C Type
- Cable diameter
- 1:φ4-6.5 2:φ5-8
- Contact Plating
- 8:Gold flash
- Color of nut
- U:Blue
- Color of housing
- B:Black
- No. of Contacts
- 1 2 3 4 5 6 7 9

GENERAL TOLERANCE		ANGLE TOLERANCE		PROJECTION		TITLE	ø13 Waterproof aviation plug rear nut type(Solder type)
X.	±0.60	X.	±5°	UNITS	mm		
.X	±0.38	.X	±3°	SHEET SIZE	A4	SERIES	DS1110-56 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 4				
DRAWING NO.		C-DS1110-56-XXXXX-B					

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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REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	WPY 10/08/24'		
B	Drawing Update	WPY 10/16/25'		

Solder contact arrangement and spec

No. of Contacts	1	2	3	4	5	6	7	9
Malc contact face view								
Rated current (A)	25A	13A	13A	5A	5A	5A	5A	3A
Contact diameter	ø2.5×1	ø1.6×2	ø1.6×3	ø1×3	ø1×5	ø1×6	ø1×7	ø0.7×9
Wiring method	Solder							
Woring Voltage(AC. V)	250V	250V	250V	200V	180V	125V	125V	125V
Testvoltage(AC. V)	1500V	1500V	1500V	1500V	1000V	1000V	1000V	1000V
Contact resistance(mΩ)	2mΩ	2mΩ	2mΩ	5mΩ	5mΩ	5mΩ	5mΩ	10mΩ
Wire Size(mm² /AWG)	≤4/11	≤2/14	≤2/14	≤0.785/18	≤0.785/18	≤0.785/18	≤0.785/18	≤0.5/20

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-DS1110-56-XXXXX-B		

PROJECTION		TITLE	Ø13 Waterproof aviation plug solder series	
UNITS	mm			
SHEET SIZE	A4	SERIES	DS1110-56 Series	



晨翔电子有限公司

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