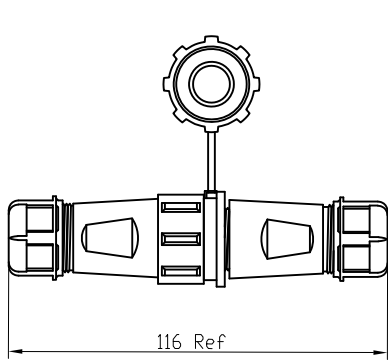


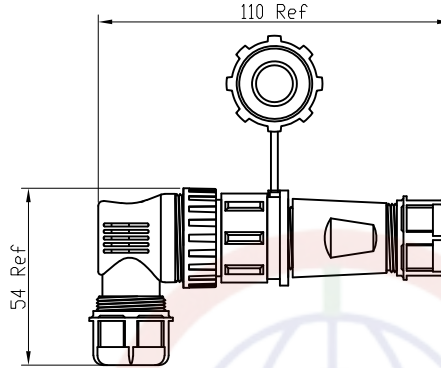
Dept
Qty
DC 1
ED 1
IE 1
ISO 1
PD 1
R&D 1
SD 1
QA 1
QC 1
QE 1

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Assembly

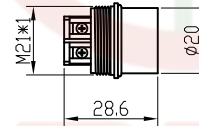
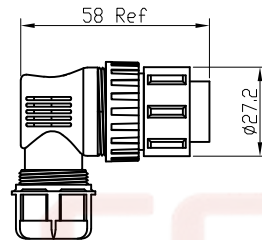
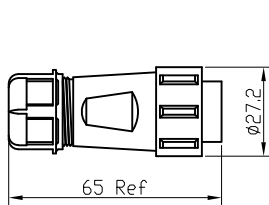


In-line series

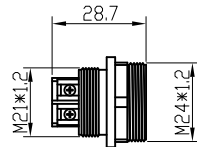
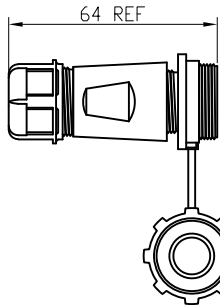


In-line elbow Angle

Male



Female



Suggested Panel Opening

REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	WPY 10/08/24'		

Note:

1. Rated voltage:300V/350V/400V
2. Rated current:5A/10A/25A
3. Insulation resistance:2000M Ω
4. Withstand voltage:1200V/1500V
5. Operating temperature: -30℃ to +90℃
6. Wiring method: Screw

Materials:

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

Product Number Code:
DS1110-76-XXXXXX

- Mounting type
R:Elbow V:straight connector
- Cable diameter:
1:4-7mm 2:5-9mm 3:8-12mm
- Install Type
A:A Type
- Contact Plating
8:Gold flash
- Color of nut
U:Blue
- Color of housing
B:Black
- No. of Contacts
2 3 4 5 6 7

GENERAL TOLERANCE		ANGLE TOLERANCE		PROJECTION		TITLE	ø21 waterproof aviation plug	
X.	±0.60	X.	±5°	UNITS	mm		docking type(Screw type)	
.X	±0.38	.X	±3°	SHEET SIZE	A4	SERIES	DS1110-76 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	SHEET 1 OF 5					
DRAWING NO.		C-DS1110-76-XXXXXX-A						

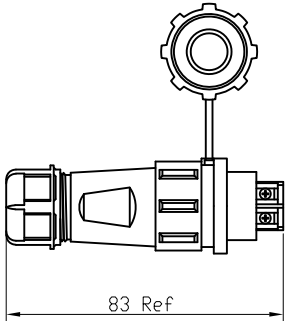


晨翔电子有限公司
CONNFLY CONNFLY ELECTRONIC CO. LTD

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

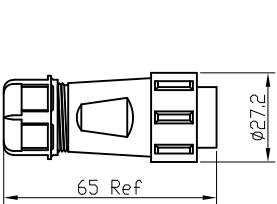
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Assembly

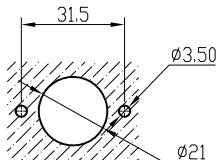
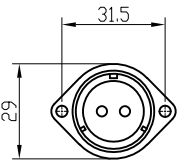
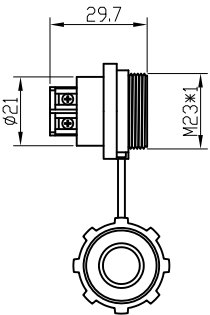


Flange series

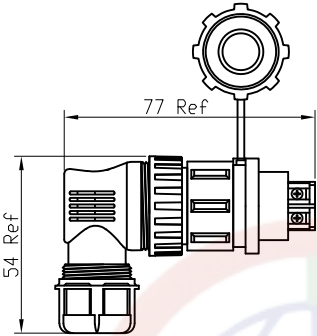
Male



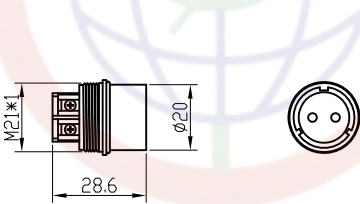
Female



Suggested Panel Opening



Flange elbow series



REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	WPY 10/08/24'		

Note:

- Rated voltage:300V/350V/400V
- Rated current:5A/10A/25A
- Insulation resistance:2000MΩ
- Withstand voltage:1200V/1500V
- Operating temperature: -30℃ to +90℃
- Wiring method: Screw

Materials:

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

Product Number Code:
DS1110-76-XXXXXX

- Mounting type
R:Elbow V:straight connector
- Cable diameter:
1:4-7mm 2:5-9mm 3:8-12mm
- Install Type
B:B Type
- Contact Plating
8:Gold flash
- Color of nut
U:Blue
- Color of housing
B:Black
- No. of Contacts
2 3 4 5 6 7

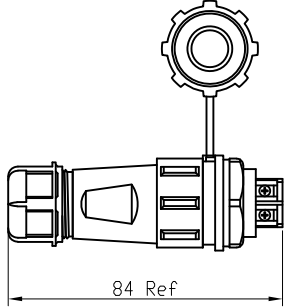
GENERAL TOLERANCE		ANGLE TOLERANCE			
X.	±0.60	X.	±5°		
.X	±0.38	.X	±3°		
.XX	±0.25	.XX	±2°		
DRAWING TYPE		CUSTOMER			
SCALE		1:1	SHEET	2 OF 5	
DRAWING NO.		C-DS1110-76-XXXXXX-A			

PROJECTION		TITLE	φ21 waterproof aviation plug flange type(Screw type)
UNITS	mm		
SHEET SIZE	A4	SERIES	DS1110-76 Series

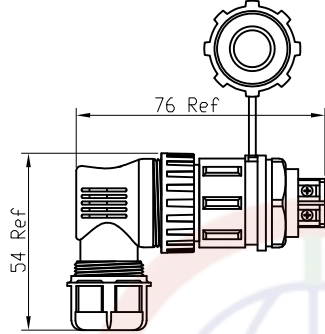
Dept
Qty
DC 1
ED 1
IE 1
ISO 1
PD 1
R&D 1
SD 1
QA 1
QC 1
QE 1

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Assembly

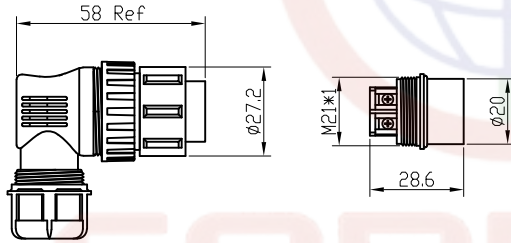
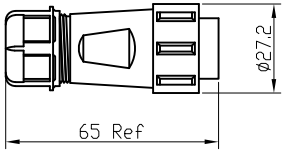


Rear nut series

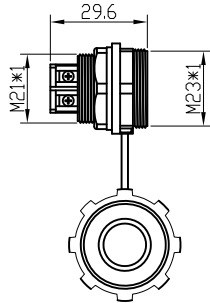


Rear nut elbow series

Male



Female



Suggested Panel Opening

REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	WPY 10/08/24'		

Note:

1. Rated voltage:300V/350V/400V
2. Rated current:5A/10A/25A
3. Insulation resistance:2000M Ω
4. Withstand voltage:1200V/1500V
5. Operating temperature: -30℃ to +90℃
6. Wiring method: Screw

Materials:

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

Product Number Code:

DS1110-76-XXXXXX

- Mounting type
R:Elbow V:straight connector
- Cable diameter:
1:4-7mm 2:5-9mm 3:8-12mm
- Install Type
C:C Type
- Contact Plating
8:Gold flash
- Color of nut
U:Blue
- Color of housing
B:Black
- No. of Contacts
2 3 4 5 6 7

GENERAL TOLERANCE		ANGLE TOLERANCE		PROJECTION		TITLE	ø21 waterproof aviation plug	
X.	±0.60	X.	±5°	UNITS	mm	rear nut type(Screw type)		
.X	±0.38	.X	±3°	SHEET SIZE	A4	SERIES	DS1110-76 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	SHEET	3 OF 5					
DRAWING NO.	C-DS1110-76-XXXXXX-A							

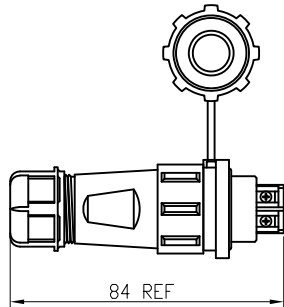


晨翔电子有限公司
CONNFLY CONNFLY ELECTRONIC CO. LTD

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

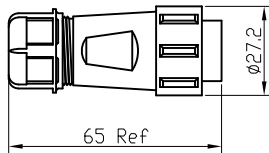
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Assembly

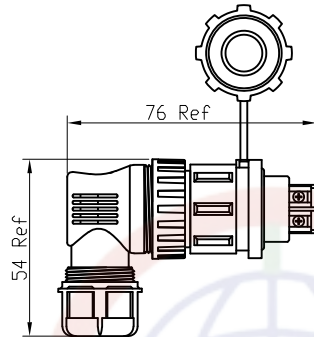
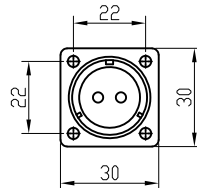
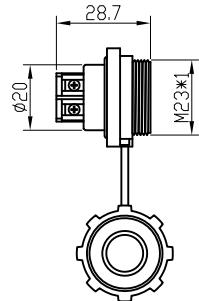


Square series

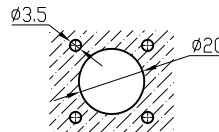
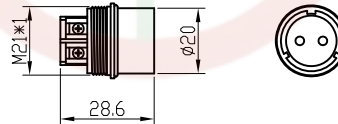
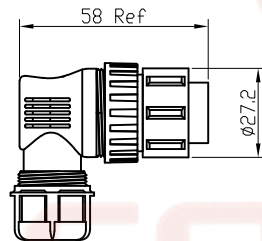
Male



Female



Square elbow series



Suggested Panel Opening

REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	WPY 10/08/24'		

Note:

- Rated voltage:300V/350V/400V
- Rated current:5A/10A/25A
- Insulation resistance:2000MΩ
- Withstand voltage:1200V/1500V
- Operating temperature: -30℃ to +90℃
- Wiring method: Screw

Materials:

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

Product Number Code:
DS1110-76-XXXXXX

- Mounting type
R:Elbow V:straight connector
- Cable diameter:
1:4-7mm 2:5-9mm 3:8-12mm
- Install Type
D:D Type
- Contact Plating
8:Gold flash
- Color of nut
U:Blue
- Color of housing
B:Black
- No. of Contacts
2 3 4 5 6 7

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 5
DRAWING NO.	C-DS1110-76-XXXXXX-A		

PROJECTION	TITLE	Ø21 waterproof aviation plug square type(Screw type)
UNITS	mm	
SHEET SIZE	A4	SERIES DS1110-76 Series
晨翔电子有限公司 CONNFLY CONNFLY ELECTRONIC CO. LTD		

Dept

Qty

DC

1

ED

1

IE

1

ISO

1

PD

1

R&D

1

SD

1

QA

1

QC

1

QE

1

REV.

A

DESCRIPTION

NEW RELEASE

DRAWN

WPY 10/08/24'

CHECKED

APPROVED

Solder contact arrangement and spec

No.of Contacts	2	3	4	5	6	7
Malc contact face view						
Rated current (A)	25A	25A	25A	10A	5A	5A
Contact diameter	Ø2.8×2	Ø2.8×3	Ø2.8×4	Ø1.8×5	Ø1.8×6	Ø1.0×7
Wiring method	Screw					
Woring Voltage (AC.V)	400V	400V	400V	350V	300V	300V
Testvoltage(AC.V)	1500V	1500V	1500V	1500V	1200V	1200V
Contact resistance(mΩ)	1mΩ	1mΩ	1mΩ	2mΩ	5mΩ	5mΩ
Insulation resistance(MΩ)	2000MΩ	2000MΩ	2000MΩ	2000MΩ	2000MΩ	2000MΩ
Wire Size (mm²/AWG)	≤4/11	≤4/11	≤4/11	≤2.5/13	≤1.5/16	≤1.5/16

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-DS1110-76-XXXXXXX-A

PROJECTION

UNITS

SHEET SIZE

A4

SERIES

DS1110-76 Series

TITLE

Ø21 Waterproof aviation plug screw series

晨翔电子有限公司

CONNFLY CONNFLY ELECTRONIC CO. LTD