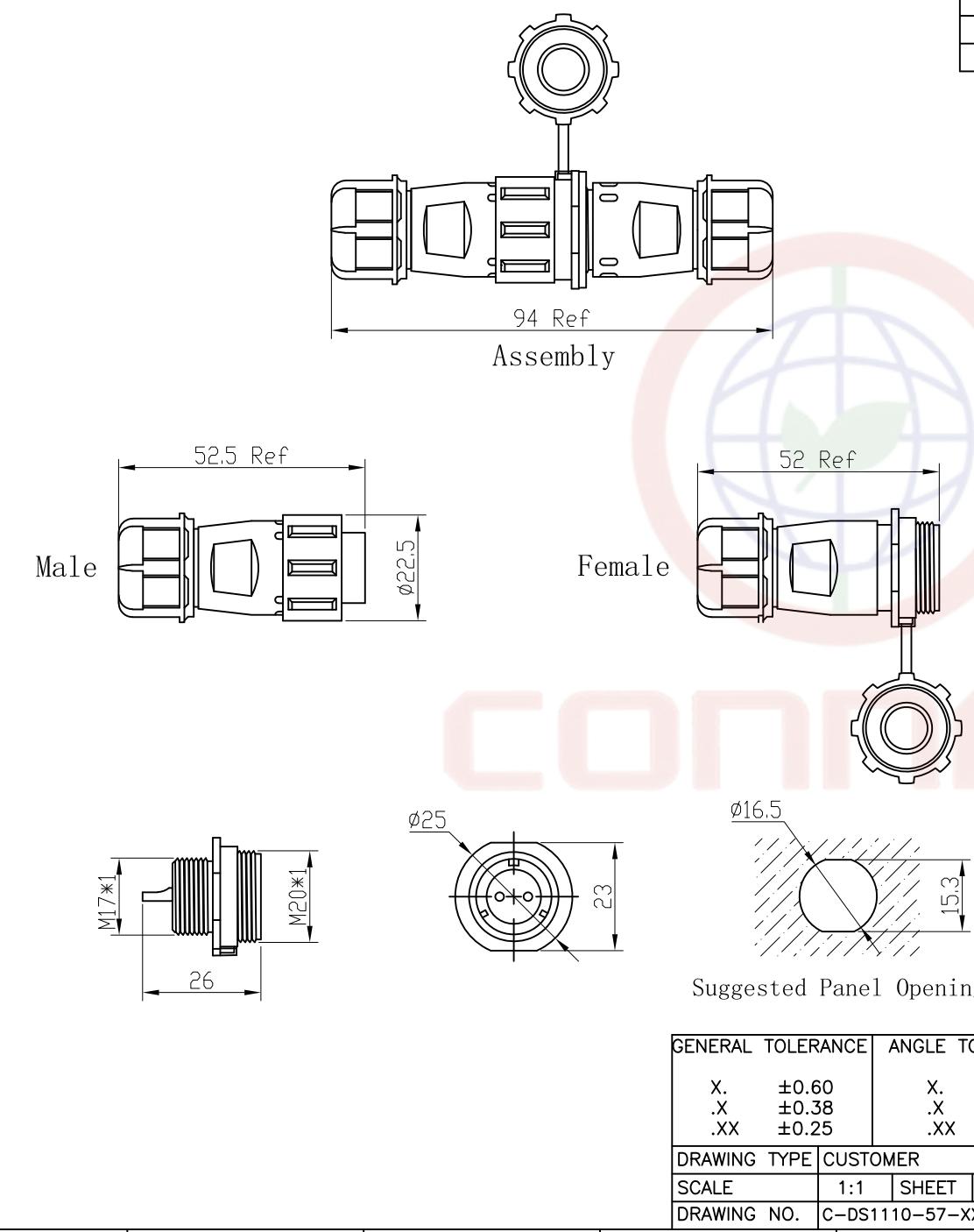


A	Dept	Qty
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	ED	1
	IE	1
	ISO	1
	PD	1
	R&D	1
B	SD	1
	QA	1
	QC	1
	QE	1

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

#### Note:

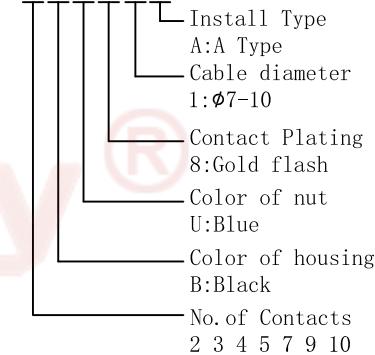
1. Rated voltage: 400V~500V
2. Rated current: 5A~10A
3. Insulation resistance: 2000MΩ
4. Withstand voltage: 1200V~1500V
5. Operating temperature: -30°C to +90°C
6. Wiring method: Solder

#### Materials:

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

#### Product Number Code:

DS1110-57-X X X X X X

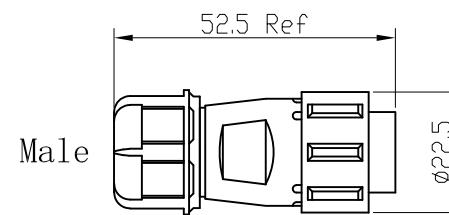


GENERAL TOLERANCE	ANGLE TOLERANCE	PROJECTION	TITLE
X. ±0.60	X. ±5°		Ø17 Waterproof aviation plug
.X. ±0.38	.X. ±3°		docking type(Solder type)
.XX ±0.25	.XX ±2°		
DRAWING TYPE	CUSTOMER	UNITS	mm
SCALE	1:1	SHEET	1 OF 5
DRAWING NO.	C-DS1110-57-XXXXXX-B	SERIES	DS1110-57 Series

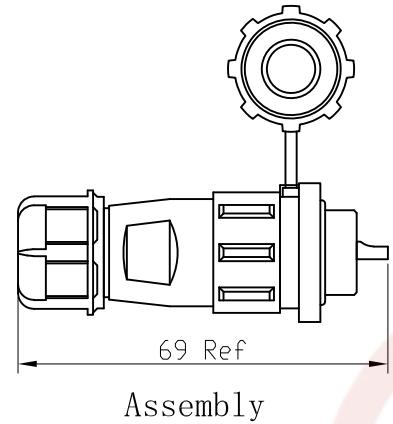
 晨翔电子有限公司  
CONNFLY CONNFLY ELECTRONIC CO. LTD

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

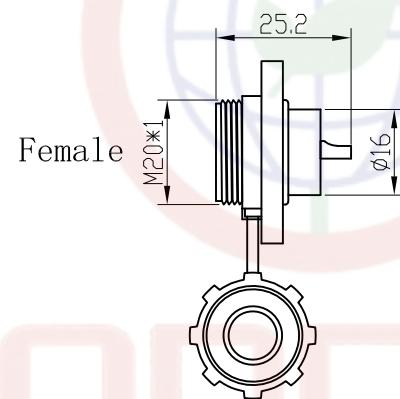
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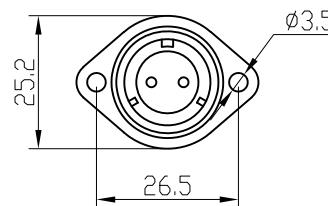
Male



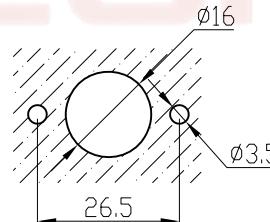
Assembly



Female



Suggested Panel Opening



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

Note:

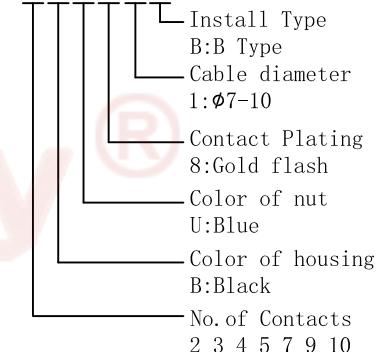
1. Rated voltage: 400V~500V
2. Rated current: 5A~10A
3. Insulation resistance: 2000MΩ
4. Withstand voltage: 1200V~1500V
5. Operating temperature: -30°C to +90°C
6. Wiring method: Solder

Materials:

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

Product Number Code:

DS1110-57-X X X X X X



GENERAL TOLERANCE	ANGLE TOLERANCE	PROJECTION	TITLE
X. ±0.60	X. ±5°		φ17 Waterproof aviation
.X. ±0.38	.X. ±3°		plugflange type
.XX ±0.25	.XX ±2°		
DRAWING TYPE	CUSTOMER		
UNITS	mm		
SHEET SIZE	A4	SERIES	DS1110-57 Series
SCALE	1:1	SHEET	2 OF 5
DRAWING NO.	C-DS1110-57-XXXXXX-B		

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A	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
A				REV.	DESCRIPTION	DRAWN	CHECKED
B				A	NEW RELEASE	WPY 10/08/24'	
C				B	NEW RELEASE	WPY 10/16/25'	
D							
E							
F							
G							
H							

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Assembly

Male

Female

Suggested Panel Opening

GENERAL TOLERANCE

X.	$\pm 0.60$	X.	$\pm 5^\circ$
.X	$\pm 0.38$	.X	$\pm 3^\circ$
.XX	$\pm 0.25$	.XX	$\pm 2^\circ$

ANGLE TOLERANCE

DRAWING TYPE	CUSTOMER		
SCALE	1:1	SHEET	3 OF 5
DRAWING NO.	C-DS1110-57-XXXXXX-B		

PROJECTION

UNITS mm

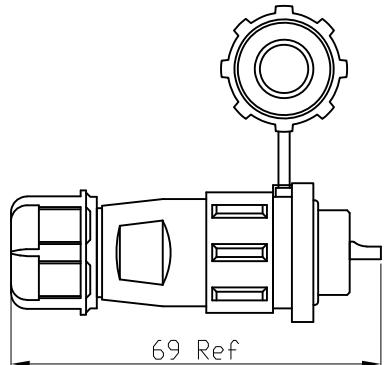
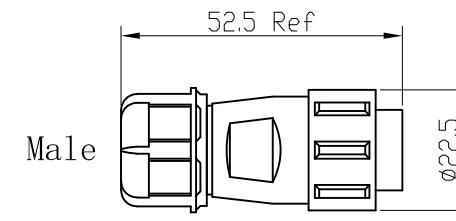
SHEET SIZE A4

TITLE Ø17 Waterproof aviation plug  
rear nut type

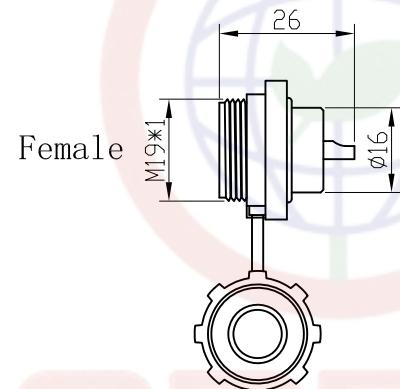
CONNFLY 晨翔电子有限公司

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

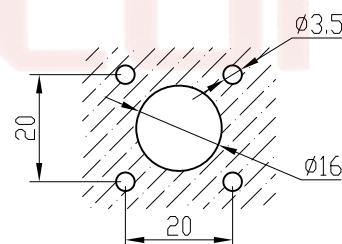
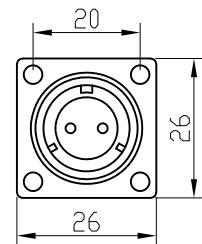
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Assembly



Female



Suggested Panel Opening

GENERAL TOLERANCE		ANGLE TOLERANCE		PROJECTION	TITLE
X.	±0.60	X.	±5°		φ17 Waterproof aviation
.X.	±0.38	.X.	±3°		
.XX	±0.25	.XX	±2°	UNITS	mm
DRAWING TYPE				SHEET SIZE	A4
CUSTOMER				SERIES	DS1110-57 Series
SCALE	1:1	SHEET	4 OF 5		
DRAWING NO.	C-DS1110-57-XXXXXX-B				

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

Note:

1. Rated voltage: 400V~500V
2. Rated current: 5A~10A
3. Insulation resistance: 2000MΩ
4. Withstand voltage: 1200V~1500V
5. Operating temperature: -30°C to +90°C
6. Wiring method: Solder

Materials:

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

Product Number Code:

DS1110-57-X X X X X X

Install Type
D:D Type
Cable diameter
1:φ7-10
Contact Plating
8:Gold flash
Color of nut
U:Blue
Color of housing
B:Black
No. of Contacts
2 3 4 5 7 9 10

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A	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'					A
B	NEW RELEASE	WPY 10/16/25'					B

# Solder contact arrangement and spec

No. of Contacts	2	3	4	5	7	9	10
Male contact face view							
Rated current (A)	10A	10A	5A	5A	5A	5A	3A
Contact diameter	$\emptyset 1.5 \times 2$	$\emptyset 1.5 \times 3$	$\emptyset 1 \times 4$	$\emptyset 1 \times 5$	$\emptyset 1 \times 7$	$\emptyset 1 \times 9$	$\emptyset 1 \times 10$
Wiring method	Solder						
Working Voltage (AC. V)	400V	400V	400V	300V	300V	300V	300V
Test voltage (AC. V)	1500V	1500V	1500V	1200V	1200V	1200V	1200V
Contact resistance ( $m\Omega$ )	$2.5m\Omega$	$2.5m\Omega$	$5m\Omega$	$5m\Omega$	$5m\Omega$	$5m\Omega$	$5m\Omega$
Wire Size ( $mm^2$ / AWG)	$\leq 2/14$	$\leq 2/14$	$\leq 0.785/18$				

GENERAL TOLERANCE	ANGLE TOLERANCE	PROJECTION		TITLE	017 Waterproof aviation plug
X. $\pm 0.60$	X. $\pm 5^\circ$	UNITS	mm	solder series	
.X. $\pm 0.38$	.X. $\pm 3^\circ$	SHEET SIZE	A4	SERIES	DS1110-57 Series
.XX $\pm 0.25$	.XX $\pm 2^\circ$				
DRAWING TYPE	CUSTOMER				
SCALE	1:1	SHEET	5 OF 5		
DRAWING NO.	C-DS1110-57-XXXXXX-B				

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