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Subsea Connectors

Brief Introduction

- Interchangeable with Subconn 、 Seacon rubber subsea connectors
- Two types of receptacles: straight and Right Angled
- Wet-mate and the length of connecting cables customizable
- Mainly applied to marine research, offshore oil, underwater engineering equipment, national defense weapon systems and other fields; used in underwater camera and lighting systems,

underwater communication systems, underwater robot systems, marine submersibles and other deep-water equipment.



JS Micro Circular Series

Technical Performance

Electrical Performance

Contact Resistance & Current Rating:

Contacts	Contact Resistance mΩ	Single Pin Current Rating A	Total Current A
2、3、4	≤10	10	≤20
5、6、8	≤10	5	≤20
10、12、16	≤10	5	≤30

Voltage Rating: 300V

Withstanding Voltage: 1500V

Insulation Resistance: $\geq 200\text{M}\Omega$

Mechanical Properties Vibration

: 10~500Hz, 100m/s²

Shock: 11ms half-sine wave, peak acceleration 500m/s²

Durability: ≥ 500 Mating Cycles

Environmental Performance

Operating Temperature: -4°C~+60°C

Water Depth: 7000m

Open Face Pressure: 7MPa

Mated Pressure: 70MPa

Part Number System

Part Number Example	JS-	2	T	K	W	S	-0.6
Series							
Number of Contacts							
Connector Type: T-Plug Z-Receptacle							
Contact Type: K-Socket J-Pin							
Receptacle Type : W-Right Angle							
Unmarked-Straight							

Shell Material: S-Stainless Steel Unmarked –
 Naval Brass
 P-PEEK Ti- Titanium alloy

Wiring length: number-length 00-dummy connector
 unmarked-default length

Note: 1. The unit of wiring length is meter.

2. By default, the plug is connected to a cable of 0.6m, and the receptacle is connected to a wire of 0.3m.

JS Micro Circular Series

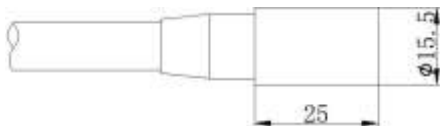
Dimensions

2-8 Contacts

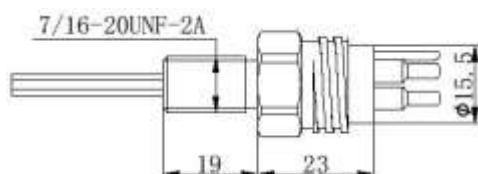
● Plug with Contacts



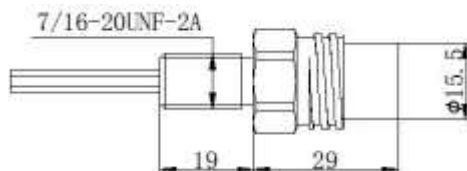
● Plug with Sockets



● Receptacle with Pins

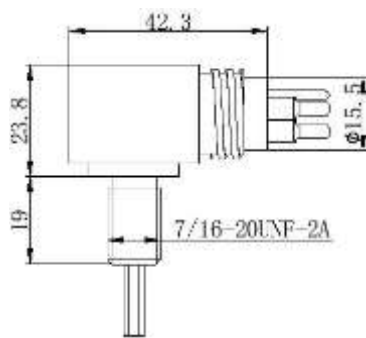


● Receptacle with Sockets

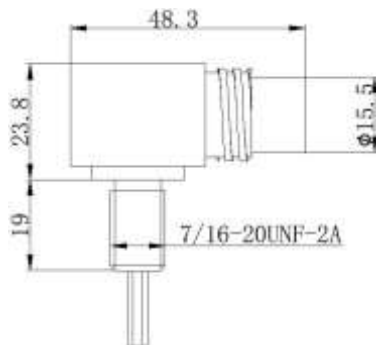


● Receptacle with Pins, Right Angle

JS Micro Circular Series

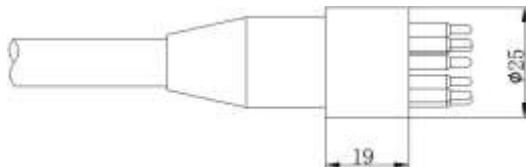


- Receptacle with sockets, Right Angle

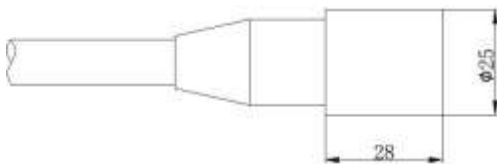


10-16 Contacts

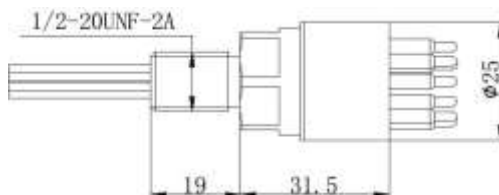
- Plug with Contacts



- Plug with Sockets

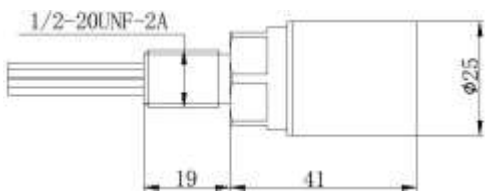


- Receptacle with Contacts



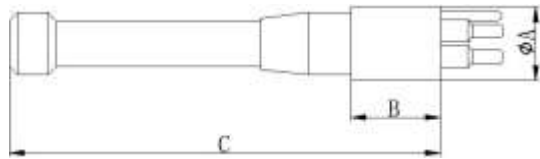
- Receptacle with Sockets

JS Micro Circular Series



Dummy Connector Dimensions

● Dummy Connector with Pins

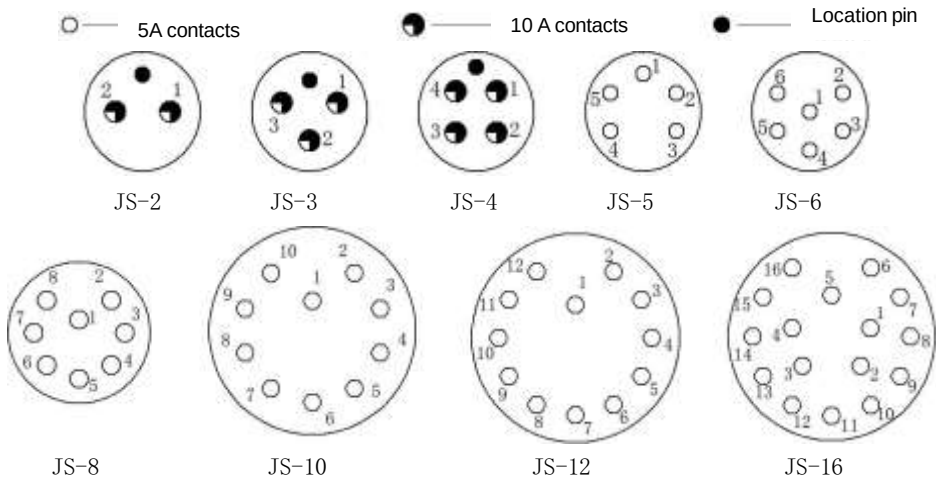


● Dummy Connector with Sockets



Dummy Connector	A	B	C	D	E
Contacts					
2~8	15.5	19	113	25	119
10~16	25	19	134	28	143

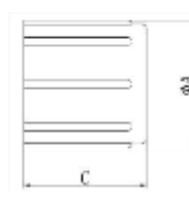
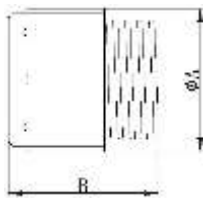
Contact arrangement (Face view of pin connectors)



Accessories

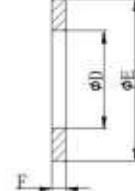
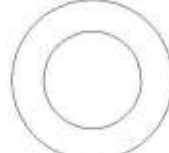
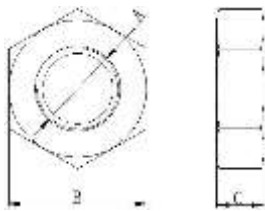
Locking Nut

JS Micro Circular Series



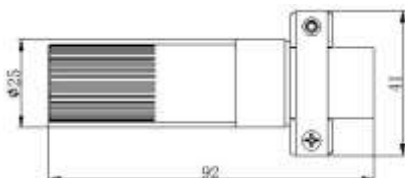
Number of Contacts	A	B	C
2~8	22	19	41.5
10~16	35.5	36	33.5

Nut and Washer



Number of Contacts	A	B	C	D	E	F
2~8	7/16—20UNF-2B	19	6.5	11.5	19	1.6
10~16	1/2—20UNF-2B	22	8	13	25	2

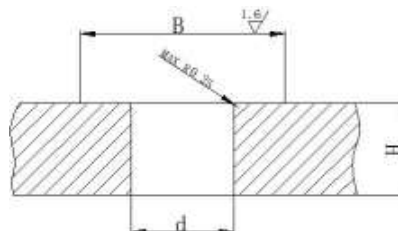
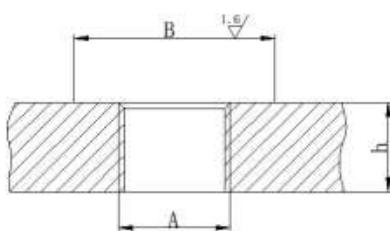
Tail Attachment



The tail attachment is applied to the plug to connect with the thread in the receptacle, replacing the locking nuts. After tightening the screws on the tail attachment, the clamping plate and rubber sleeve on the tail attachment clamps the cable. The rubber sleeve is soft, which can effectively prevent the cable from breaking and abrasion caused by repeated bending.

Recommended Mounting Dimensions

The socket mounting hole can be tapped with threaded holes or unthreaded holes according to the needs. For smooth holes, it is necessary to use washers and nuts to fix the receptacle.



Number of Contacts	A	B (mm)	h (mm)	d (mm)	H (mm)
2~8	7/16—20UNF-2B	25	≥6.4	11.1~11.4	≤11.1
10~16	1/2—20UNF-2B	25	≥6.4	12.7~13.0	≤11.1

JSB Standard Circular Series

Technical Performance

Electrical Performance

Contact Resistance & Current Rating:

Contacts	Contact Resistance mΩ	Single Pin Current Rating A	Total Current A
2、3、4、5	≤10	10	≤30
6、8、10	≤10	10	≤50
12、16、25	≤10	10	≤60

**Note: 25-pin connector contains 22 signal
Contacts, current rating 5A**

Voltage Rating: 600V

Withstanding Voltage: 2500V

Insulation Resistance: ≥200MΩ

Mechanical Properties

Vibration: 10~500Hz, 100m/s²

Shock: 11ms half-sine wave, peak acceleration
500m/s²

Durability: ≥500Mating Cycles

Environmental Performance

Operating Temperature: -4°C~+60°C

Water Depth: 14000m

Open Face Pressure: 7MPa

Mated Pressure: 140MPa

Part Number System

Part Number Example	JSB-	2	T	K	W	S	-0.6
Series							
Number of Contacts							
Connector Type: T-Plug Z-Receptacle							
Contact Type: K-Socket J-Pin							
Receptacle Type : W-Right Angle							
Unmarked-Straight							
Shell Material:							
S- Stainless Steel							
T- Unmarked-Naval Brass							
P-PEEK Ti-Titanium alloy							
Wiring length: number-length 00-dummy connector							
unmarked-default length							

JSB Standard Circular Series

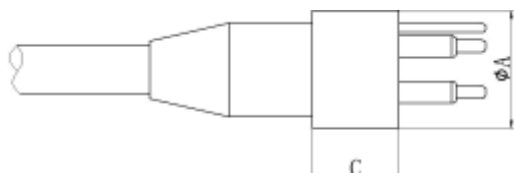
Note: 1. The unit of wiring length is meter.

2. By default, the plug is connected to a cable of 0.6m, and the receptacle is connected to a wire of 0.3m.

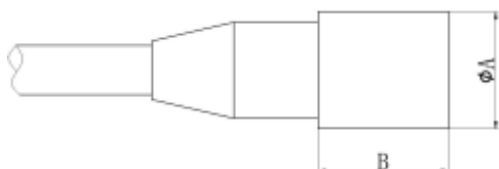
Dimensions

2~10 Contacts

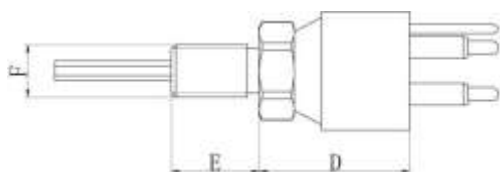
● Plug with Contacts



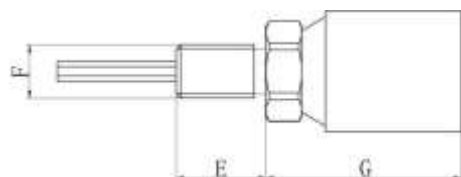
● Plug with Sockets



● Receptacle with Contacts



● Receptacle with Sockets

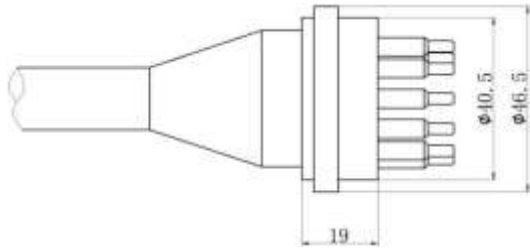


Number of Contacts	A	B	C	D	E	F	G
2~5	25	28	19	31.5	19	7/16—20UNF-2A	41
6~10	31	28	19	31.5	19	5/8—18UNF-2A	41

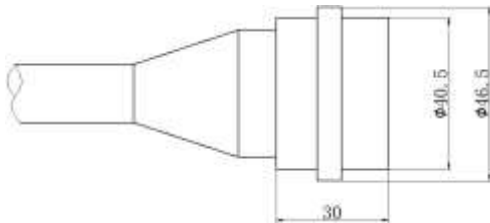
12~16 Contacts

● Plug with Contacts

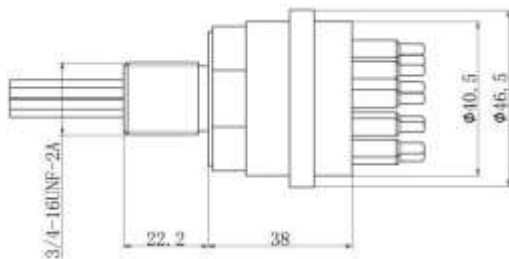
JSB Standard Circular Series



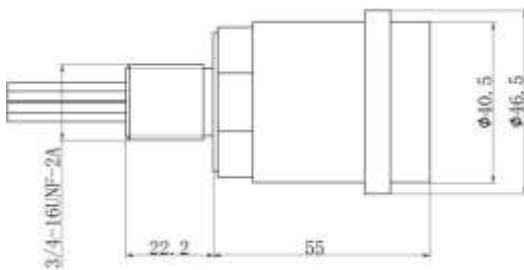
- Plug with Sockets



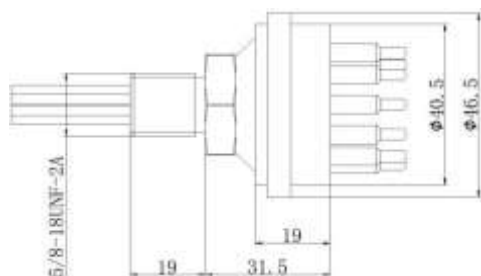
- Receptacle with Contacts



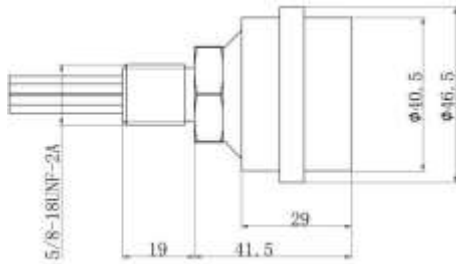
- Receptacle with Sockets



- 12-pin Short Receptacle with Pins

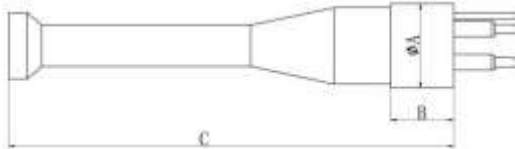


- 12-pin Short Receptacle with Sockets

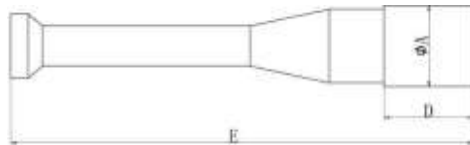


Dummy Connectors 2~10 contacts

● Dummy Connector with Pins



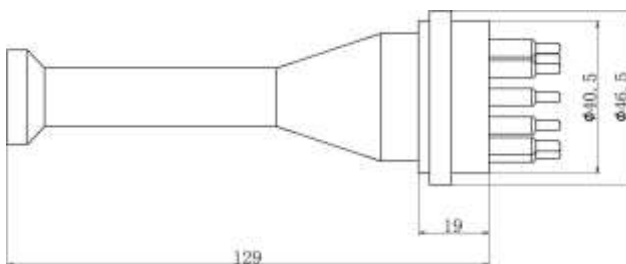
● Dummy Connector with Sockets



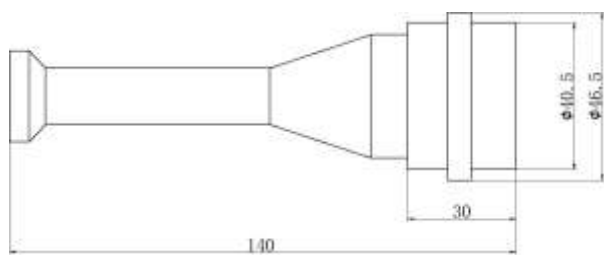
Dummy Connector	A	B	C	D	E
Contacts					
2~5	25	19	113	28	119
6~10	31	19	119	28	125

Dummy Connectors 12~25 contacts

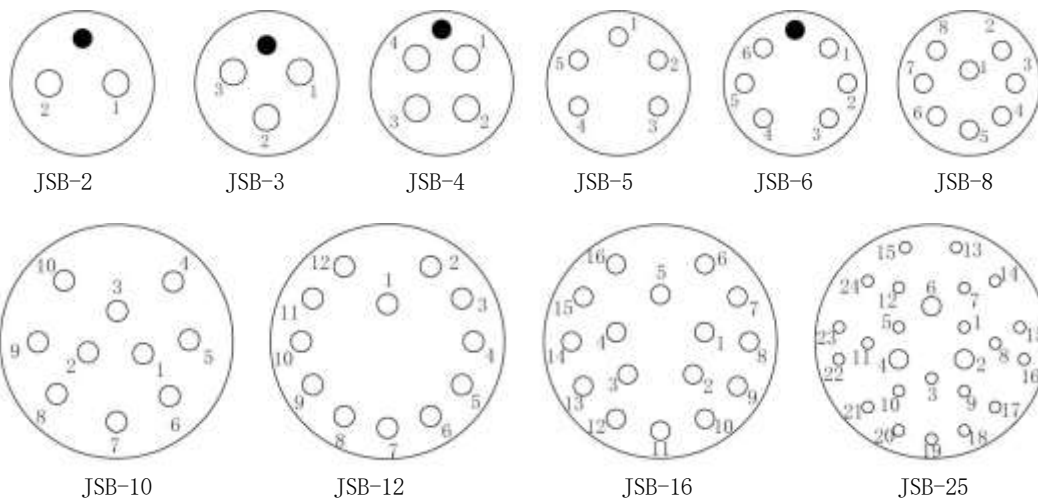
● Dummy Connector with Pins



● Dummy Connector with Sockets

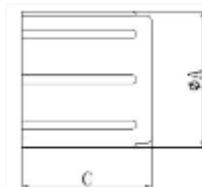
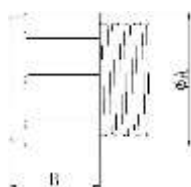


Contact arrangement (Face view of pin connectors)



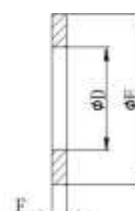
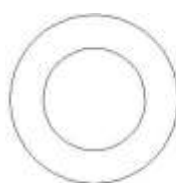
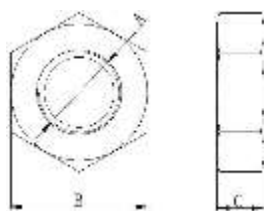
Accessories

Locking Nuts



Number of Contacts	A	B	C
2~5	35.5	24	33.5
6~10	41	24	33.5
12~25	60.5	20	30

Nuts and washers

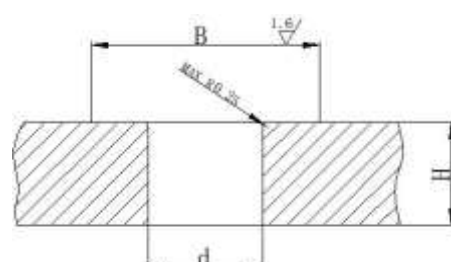
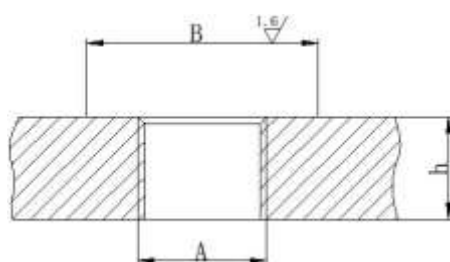


JSB Standard Circular Series

Number of Contacts	A	B	C	D	E	F
2~5	7/16—20UNF-2B	19	6.5	11.5	19	1.6
6~10	5/8—18UNF-2B	25	8	16.5	30	2.2
12~25	3/4—16UNF-2B	28	10	20	35	3

Recommended Mounting Dimensions

The socket mounting hole can be tapped with threaded holes or smooth holes according to the needs. For smooth holes, it is necessary to use washers and nuts to fix the receptacle.



Number of Contacts	A	B (mm)	h (mm)	d (mm)	H (mm)
2~5	7/16—20UNF-2B	25	≥6.4	11.1~11.4	≤11.1
6~10	5/8—18UNF-2B	30	≥6.4	15.9~16.2	≤11.1
12~25	3/4—16UNF-2B	40	≥6.4	19.3~20.5	≤11.1

JSMR Micro Low Profile Series

Technical Performance

Electrical Performance

Contact Resistance & Current Rating:

Contacts	Contact Resistance mΩ	Single Pin Current Rating A	Total Current A
3	≤10	5	≤10
7、9	≤10	5	≤20

Voltage Rating: 300V

Withstanding Voltage: 2500V

Insulation Resistance: ≥200MΩ

Mechanical Properties

Vibration: 10~500Hz, 100m/s²

Shock: 11ms half-sine wave, peak acceleration 500m/s²

Durability: ≥500 次

Environmental Performance

Operating Temperature: -4°C~+60°C

Water Depth: 7000m

Open Face Pressure: 7MPa

Mated Pressure: 70MPa

Part Number System

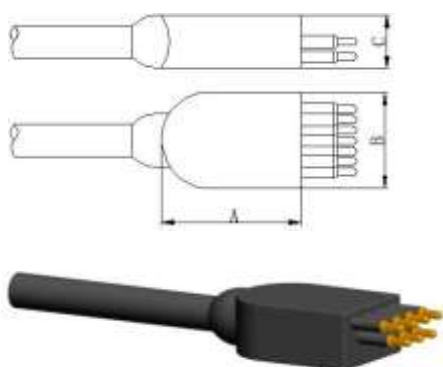
Part Number Example	JSMR-	2	T	K	W	S	-0.6
Series							
Number of Contacts							
Connector Type: T-Plug Z-Receptacle							
Contact Type: K-Socket J-Pin							
Receptacle Type: W-Right Angle Unmarked-Straight							
Shell Material: S-Stainless Steel Unmarked – Naval Brass P-PEEK Ti- Titanium alloy							
Wiring length: number-length 00-dummy connector unmarked-default length							

Note: 1. The unit of wiring length is meter.

2. By default, the plug is connected to a cable of 0.6m, and the receptacle is connected to a wire of 0.3m.

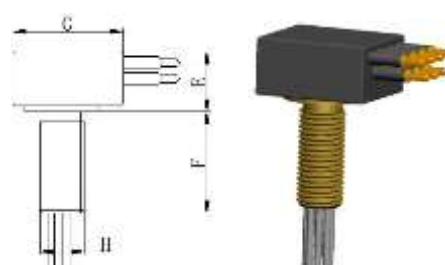
Dimensions

● Straight Plug With Contacts

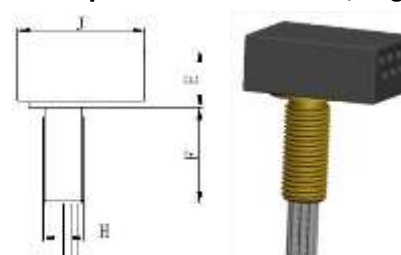


● Receptacle with Contacts, Right Angle

● Straight Plug with Sockets



● Receptacle with Sockets, Right Angle

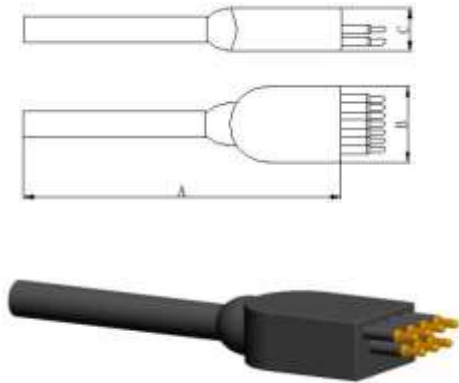


JSMR Micro Low Profile Series

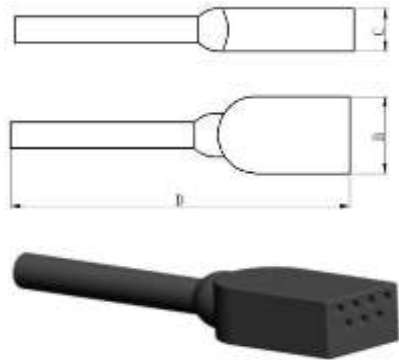
Number of Contacts	A	B	C	D	E	F	G	H	J
3	23.4	16.6	12	23.4	13.4	12.7	23.8	3/8—24UNF-2A	23.8
7、9	36.5	25	14	43	15.5	26	28	7/16—20UNF-2A	34.5

Dummy Connector

● Dummy Connector with Pins

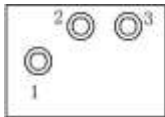


● Dummy Connector with Sockets

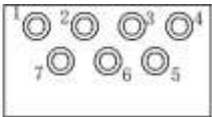


Number of Contacts	A	B	C	D
3	90	16.6	12	90
7、9	90	25	14	90

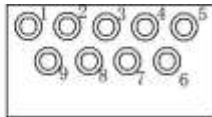
Contact arrangement (Face view of pin connectors)



JSMR-3



JSMR-3



JSMR-3

Accessories

Lockign Strap



JSR Standard Low Profile Series

Technical Performance

Electrical Performance

Contact Resistance & Current Rating:

Number of Contacts	Contact Resistance mΩ	Single Pin Current Rating	Total Current A
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2、3、4	≤ 10	10	-
5、7、9	≤ 10	10	≤ 40

Voltage Rating: 600V

Withstanding: 2500V

Insulation Resistance: $\geq 200\text{M}\Omega$

Mechanical Properties

Vibration: 10~500Hz100m/s²

Part Number System

Part Number Example	JSR-	2	T	K	W	S	-0.6
Series							
Number of Contacts							
Connector Type: T-Plug Z-Receptacle							
Contact Type: K-Socket J-Pin							
Receptacle Type: W-Right Angle Unmarked-Straight							
Shell Material: S-Stainless Steel Unmarked - Naval Brass P-PEEK Ti-Titanium alloy							
Wiring length: number-length 00-dummy connector unmarked-default length							

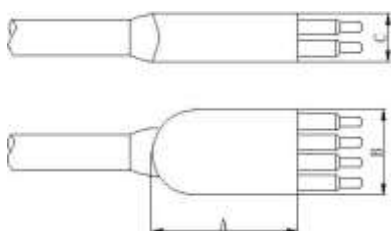
Note: 1. The unit of wiring length is meter.

2. By default, the plug is connected to a cable of 0.6m, and the receptacle is connected to a wire of 0.3m.

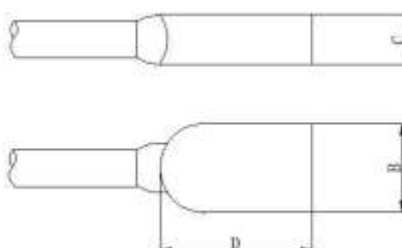
JSR Standard Low Profile Series

Dimensions

● Straight Plug with Contacts

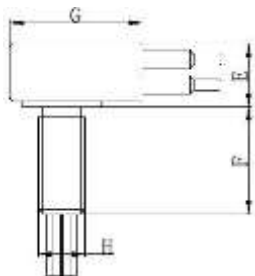


● Straight Plug with Sockets





● **Receptacle with Contacts, Right Angle**



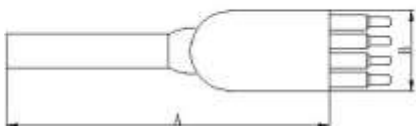
● **Receptacle with Sockets, Right Angle**



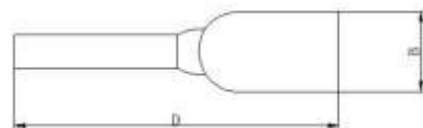
Number of Contacts	A	B	C	D	E	F	G	H	J
2	43	22	14	43	15.5	13	32	7/16—20UNF-2A	32
3、4	43	25	14	43	15.5	26	32	7/16—20UNF-2A	32
5	43	25	14	43	16.7	26	32	7/16—20UNF-2A	41
7	43	25	19	55.5	20.5	26	32	7/16—20UNF-2A	44.5
9	43	31.5	21	55.5	22.5	26	32	7/16—20UNF-2A	44.5

Dummy Connector

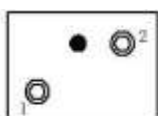
● **Dummy Connector with Pins**



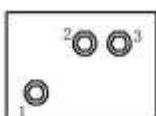
● **Dummy Connector with Sockets**



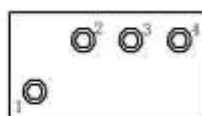
Contact Arrangements (Face view of pin connectors)



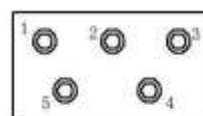
JSR-2



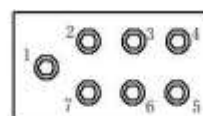
JSR-3



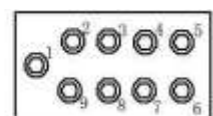
JSR-4



JSR-5



JSR-7



JSR-9

Accessories

HST-Tech Co., Ltd.

Locking Strap



JSD High Power Connectors

Technical Performance

Electrical Performance

Contact Resistance, Current Rating & Withstanding

Voltag:

Contacts	Contact Resistance mΩ	Single Pin Current RatingA	Total Current V
1	≤0.15	250	5000
2	≤0.4	60	2500

Voltage Rating: 600V

Mechanical Properties

Part Number System

Part Number Example	JSD-	1	T	K	S	250	A1	-0.6
Series								
Number of Contacts								
Connector Type: T-Plug Z-Receptacle								
Contact Type: K-Socket J-Pin								
Shell Material: S-Stainless Steel Unmarked – Naval Brass								
P-PEEK Ti- Titanium alloy								
Current Rating								
Modified Code								
Wiring length: number-length 00-dummy connector unmarked-default length								

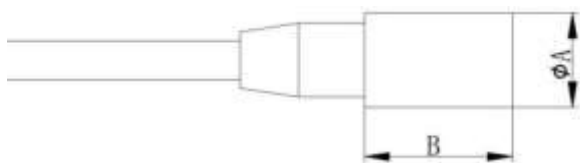
Note: 1. The unit of wiring length is meter.

2. By default, the plug is connected to a cable of 0.6m, and the receptacle is connected to a wire of 0.3m.

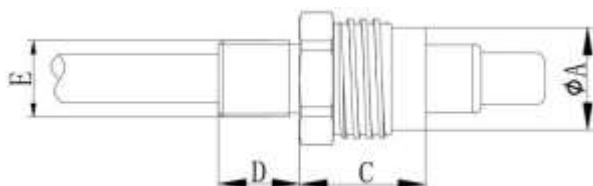
Dimensions

1 Contact

● Plug

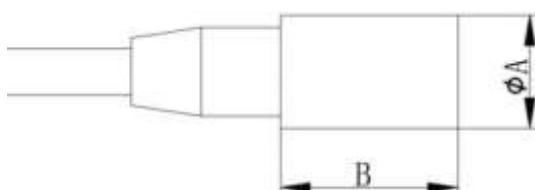


● Receptacle

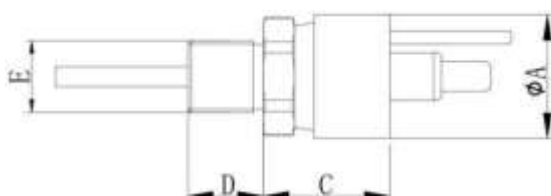


2 Contacts

● Plug



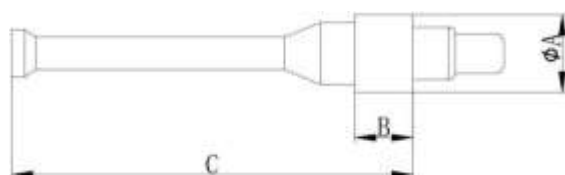
● Receptacle



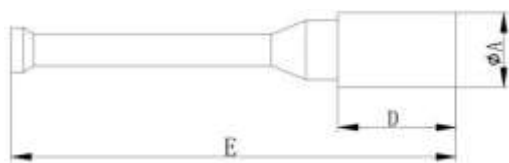
Number of Contacts	A	B	C	D	E
1	24	38	29.5	19	M18×1.5-6g
2	31	38	31.8	19	M18×1.5-6g

Dummy Connector Dimensions

● Dummy Connector with Pins



● Dummy Connector with Sockets



Dummy Connector Contacts	A	B	C	D	E
1	24	26	113	38	125
2	31	19	119	38	138

Contact Arrangements (Face view of pin connectors)



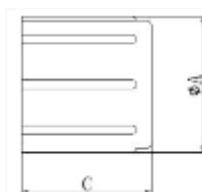
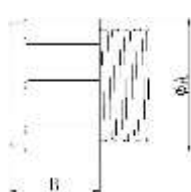
JSD-1



JSD-2

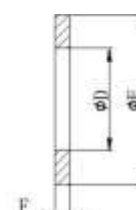
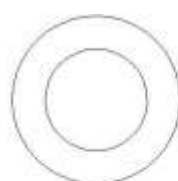
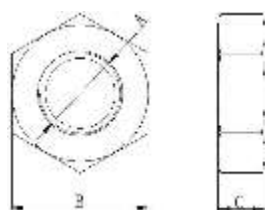
Accessories

Locking Nuts



Number of Contacts	A	B	C
1	33	10	64
2	43	24	44

Nuts and Washers

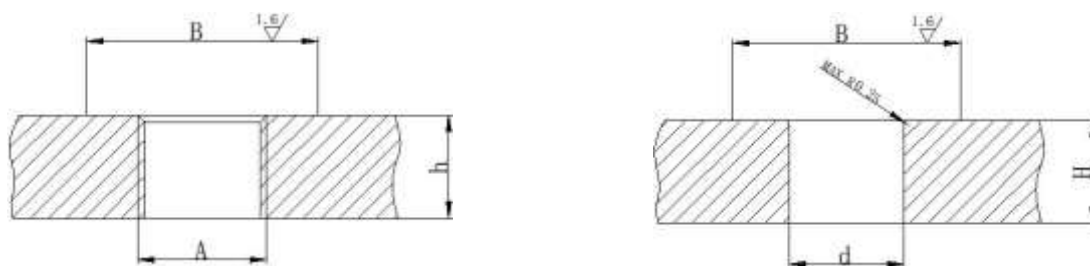


Number of Contacts	A	B	C	D	E	F
1	M18×1.5-7H	28	8	18.5	28	2.2
2	M18×1.5-7H	27	8	18.5	28	2.2

Recommended Mounting Dimensions

The socket mounting hole can be tapped with threaded holes or smooth holes according to the needs.

For smooth holes, it is necessary to use washers and nuts to fix the receptacle.



Number of Contacts	A	B (mm)	h (mm)	d (mm)	H (mm)
1	M18×1.5-7H	31	≥6.4	18.2~18.5	≤11.1
2	M18×1.5-7H	30	≥6.4	18.2~18.5	≤11.1

JSW Ethernet Series

Technical Performance

Electrical Performance

Data Rate: ≥1Gbit/s

Contact Resistance: ≤10mΩ

Current Rating: 4A

Voltage Rating: 600V, Data 250V

Withstanding Voltage: 2500V

Insulation Resistance: ≥200MΩ

Mechanical Properties

Vibration: 10~500Hz, 100m/s²

Shock: 11ms half-sine wave, peak acceleration
500m/s²

Durability: ≥500 次

Environmental Performance

Operating Temperature: -4℃~+60℃

Water Depth: 7000m

Open Face Pressure: 7MPa

Mated Pressure: 70MPa

Part Number System

Part Number Example	JSW-	2	T	K	S	-0.6
Series						
Number of Contacts						
Connector Type: T-Plug Z-Receptacle						
Contact Type: K-Socket J-Pin						
Shell Material: S-Stainless Steel Unmarked - Naval Brass						
P-PEEK Ti-Titanium alloy						

Wiring length: number-length 00-dummy connector
unmarked-default length

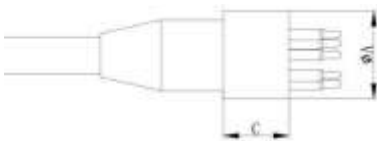
Note: 1. The unit of wiring length is meter.

2. By default, the plug is connected to a cable of 0.6m, and the receptacle is connected to a wire of 0.3m.

Dimensions

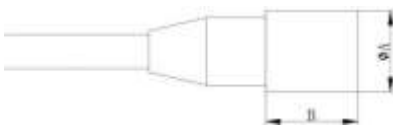
8 Contacts

● Plug with Contacts

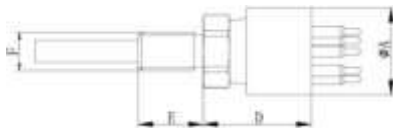


● Plug with Sockets

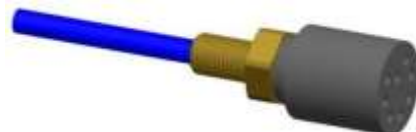
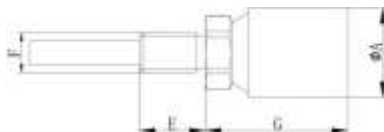
JSW Ethernet Series



● Receptacle with Contacts

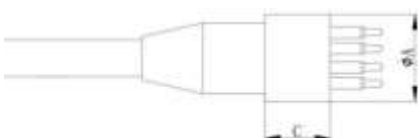


● Receptacle with Sockets

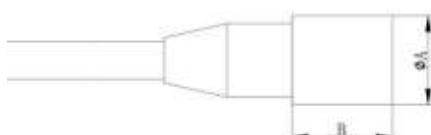


13 Contacts

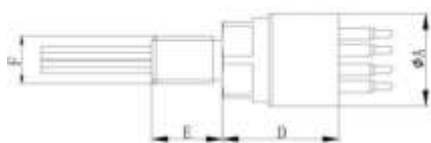
● Plug with Contacts



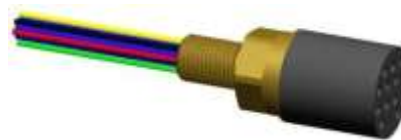
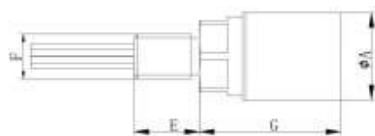
● Plug with Sockets



- Receptacle with Contacts



- Receptacle with Sockets

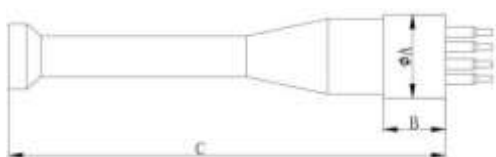


Number of Contacts	A	B	C	D	E	F	G
8	25	28	19	31.5	19	7/16—20UNF-2A	41
13	25	28	19	31.5	19	1/2—20UNF-2A	41

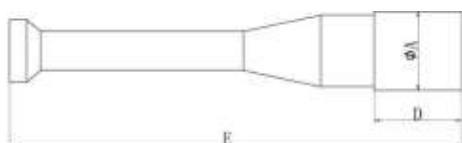
JSW Ethernet Series

Dummy Connector Dimensions

- Dummy Connector with Pins



- Dummy Connector with Sockets



Dummy Connector Contacts	A	B	C	D	E
8	25	19	113	28	119
13	25	19	119	28	125

Contact Arrangements (Face view of pin connectors)



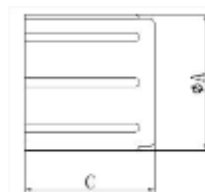
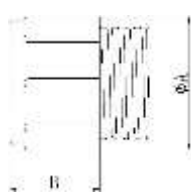
JSW-8



JSW-13

Accessories

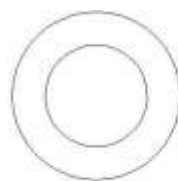
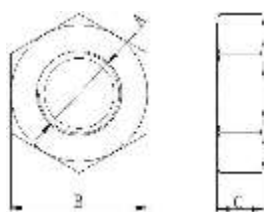
Locking Nuts



Number of Contacts	A	B	C
8	35.5	24	33.5
13	35.5	24	33.5

JSW Ethernet Series

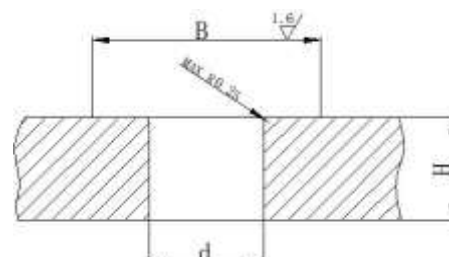
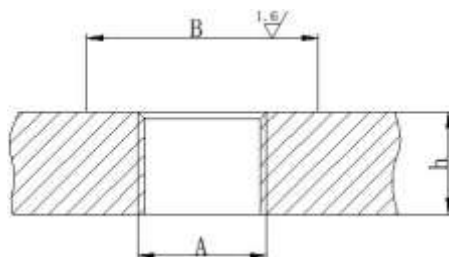
Nuts and washers



Number of Contacts	A	B	C	D	E	F
8	7/16—20UNF-2B	19	6.5	11.5	19	1.6
13	1/2—20UNF-2B	22	8	13	25	2

Recommended Mounting Dimensions

The socket mounting hole can be tapped with threaded holes or smooth holes according to the needs. For smooth holes, it is necessary to use washers and nuts to fix the receptacle.



Number of Contacts	A	B (mm)	h (mm)	d (mm)	H (mm)
8	7/16—20UNF-2B	25	≥6.4	11.1~11.4	≤11.1

13	1/2—20UNF-2B	25	≥6.4	12.7~13.0	≤11.1
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JSRF Coax Series

Technical Performance

Electrical Performance

Contact Resistance: ≤10mΩ

Current Rating: 5A, Total Current≤20A

Voltage Rating: 300V

Withstanding Voltage: 2500V

Insulation Resistance: ≥200MΩ

Mechanical Properties

Vibration: 10~500Hz, 100m/s²

Shock: 11ms half-sine wave, peak acceleration
500m/s²

Durability: ≥500 Mating Cycles

Environmental Performance

Operating Temperature: -4°C~+60°C

Water Depth: 7000m

Mated Pressure: 70M

JSRF Coax Series

Part Number System

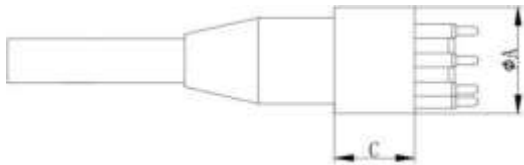
Part Number Example	JSRF	75-	1	M	6	K	T	S	-0.6
Series									
Number of Contacts									
Number of Coax Contacts									
Coax Contact Type: F-Coax Female Sockets M-Coax Male Contacts									
Number of Low Frequency Contacts : Unmarked-0									
Low Frequency Contact Type: K-Socket J-Pin									
Connector Type: T-Plug Z-Receptacle									
Shell Material: S-Stainless Steel Unmarked - Naval Brass									
P-PEEK Ti-Titanium alloy									
Wiring length: number-length 00-dummy connector unmarked-default length									

Note: 1. The unit of wiring length is meter.

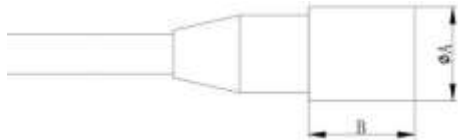
2. By default, the plug is connected to a cable of 0.6m, and the receptacle is connected to a wire of 0.3m.

Dimensions

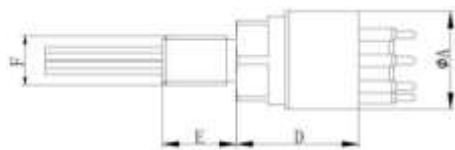
● Plug with Contacts



- **Plug with Sockets**

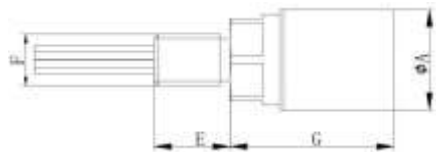


- **Receptacle with Contacts**



JSRF Coax Series

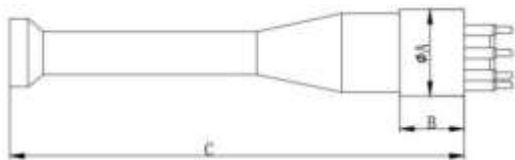
- **Receptacle with Sockets**



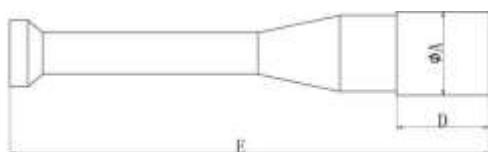
Number of Contacts	A	B	C	D	E	F	G
1F, 1F6J, 1M, 1M6K	25	28	19	31.5	19	1/2—20UNF-2A	41

Dummy Connector Dimensions

- **Dummy Connector with Pins**



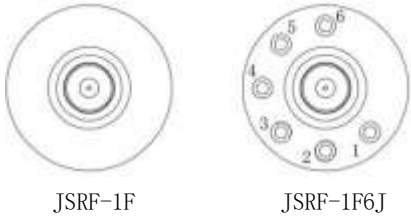
- **Dummy Connector with Sockets**



Dummy Connector	A	B	C	D	E
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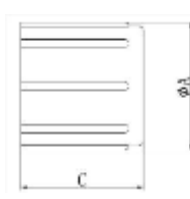
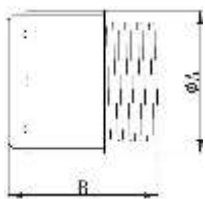
Contacts					
1F, 1F6J, 1M, 1M6K	25	19	134	28	143

Contact Arrangements (Face view of pin connectors)



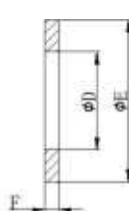
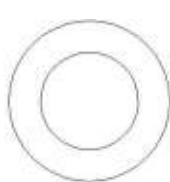
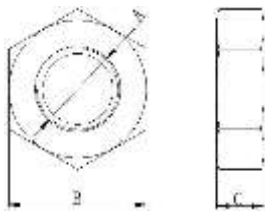
JSRF Coax Series

Locking Nuts



Number of Contacts	A	B	C
1F, 1F6J, 1M, 1M6K	35.5	36	33.5

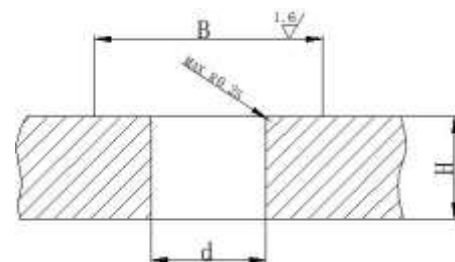
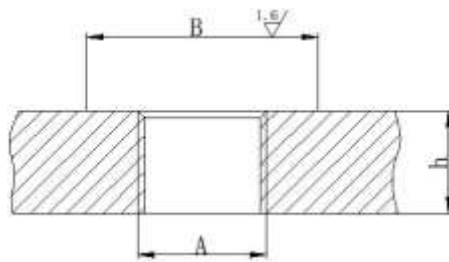
Nuts and washers



Number of Contacts	A	B	C	D	E	F
1F, 1F6J, 1M, 1M6K	1/2—20UNF—2B	22	8	13	25	2

Recommended Mounting Dimensions

The socket mounting hole can be tapped with threaded holes or smooth holes according to the needs. For smooth holes, it is necessary to use washers and nuts to fix the receptacle.



Number of Contacts	A	B (mm)	h (mm)	d (mm)	H (mm)
1F, 1F6J, 1M, 1M6K	1/2—20UNF-2B	25	≥6.4	12.7~13.0	≤11.1

Subminiature Circular Subsea Connectors

Brief Introduction

- Small size, light weight, & more than 50% lighter than JS series connectors of the same specification
- Dry-mate and the length of connecting cables customizable
- Suitable for low current or signal current transmission of underwater camera systems, underwater communication systems,
- underwater robot systems, and marine submersibles, etc



Technical Performance

Electrical Performance

Contact Resistance & Current Rating:

Contacts	Contact Resistance mΩ	Single Pin Current Rating A	Total Current A
2、3、4	≤12	5	≤7.5
5、6	≤12	5	≤13
8、10	≤12	5	≤23

Voltage Rating: 250V

Withstanding Voltage: 1000V

Insulation Resistance: ≥200MΩ

Mechanical Properties

Vibration: 10~500Hz, 100m/s²

Shock: 11ms half-sine wave, peak acceleration
500m/s²

Durability: ≥500 Mating Cycles

Environmental Performance

Operating Temperature: -4°C~+60°C

Water Depth: 7000m

Mated Pressure: 70MPa

Open Face Pressure: 0.2MPa

Part Number System

Part Number Example	MCJS-	2	T	K	S	-0.6
Series						
Number of Contacts						
Connector Type: T-Plug Z-Receptacle						
Contact Type: K-Socket J-Pin						
Shell Material: S-Stainless Steel Unmarked – Naval Brass						
P-PEEK Ti- Titanium alloy						
Wiring length: number-length 00-dummy connector unmarked-default length						

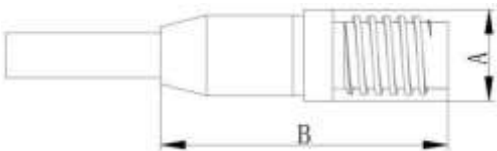
- Note: 1. The unit of wiring length is meter.
2. By default, the plug is connected to a cable of 0.6m, and the receptacle is connected to a wire of 0.3m.

Subminiature Circular Subsea Series

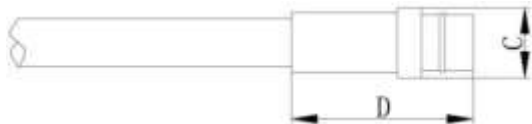
Dimensions

2-6 Contacts

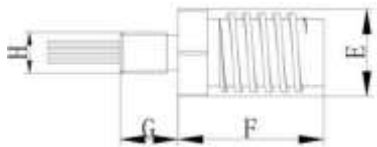
● Plug with Contacts



● Plug with Sockets



● Receptacle with Contacts

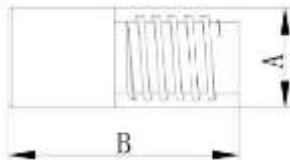


Number of	A	B	C	D	E	F	G	H
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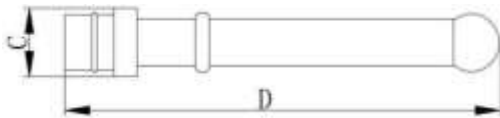
Contacts								
2~6	16	50	11.5	35	15	25	10	M7×0.75-6g
8~10	21	50	16	35	19	25	10	7/16-20UNF-2A

Dummy Connector Dimensions

- Dummy Connector with Pins



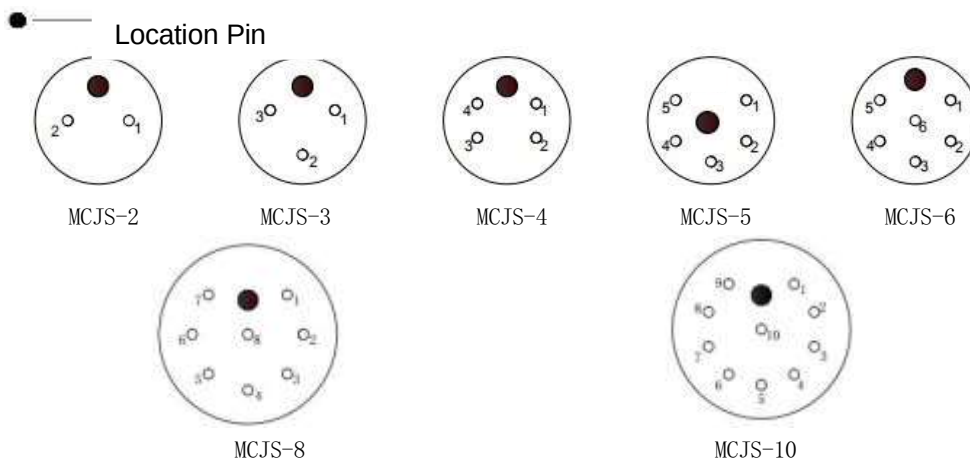
- Dummy Connector with Sockets



Dummy Connector Contacts	A	B	C	D
2~6	16	37	11.5	98
8~10	21	37	16	98

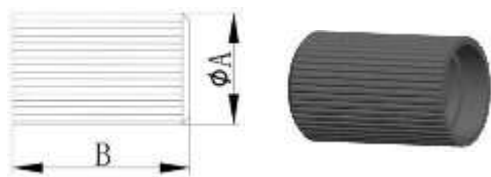
Subminiature Circular Subsea Series

Contact Arrangements (Face view of pin connectors)



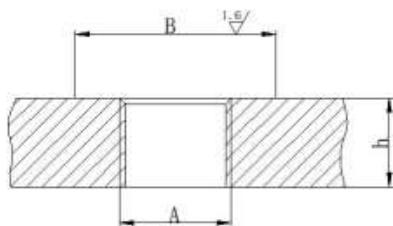
Accessories

Locking Nuts



Number of Contacts	A	B
2~6	16	25.5
8~10	21.5	26.5

Recommended Mounting Dimensions



Number of Contacts	A	B (mm)	h (mm)
2~6	M7×0.75-6g	17.5	≥4.5
8~10	7/16-20UNF-2B	24	≥6.4

Subsea Wet-Mate Connectors

Brief Introduction

- Can be plugged & unplugged under water
- Adopt dynamic sealing, pressure compensation, electric contact washing, cable sealing and other technologies
- There are ROV wet-mate and board to board wet-mate
- Mainly used in power transmission, electric/hydraulic control, and signal transmission, etc. in fields such as submarine oil work platforms, mining engineering,

underwater search and rescue, and submarines



Technical Performance

Electrical Performance

Contact Resistance & Current Rating:

Contacts	Contact Resistance /mΩ	Current Rating/A
1	12	300
4、7、12、19	≤10	30

Voltage Rating: 700V DC

Withstanding Voltage: 3.6kV AC

Insulation Resistance: ≥1000MΩ

Mechanical Properties

Durability: ≥200Mating Cycles

Design Working Life: 20 Years

Wire outlet from the elbow at the tail:45°

Environmental Performance

Operating Temperature: -5℃~+40℃

Storage Temperature: -18℃~+50℃

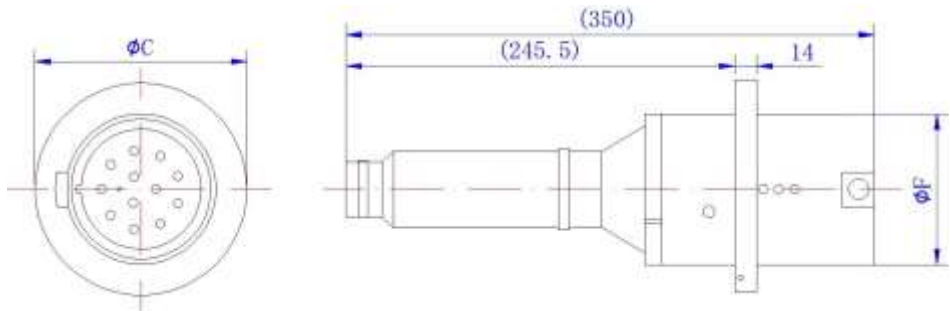
Water Depth: 3000m

Part Number System

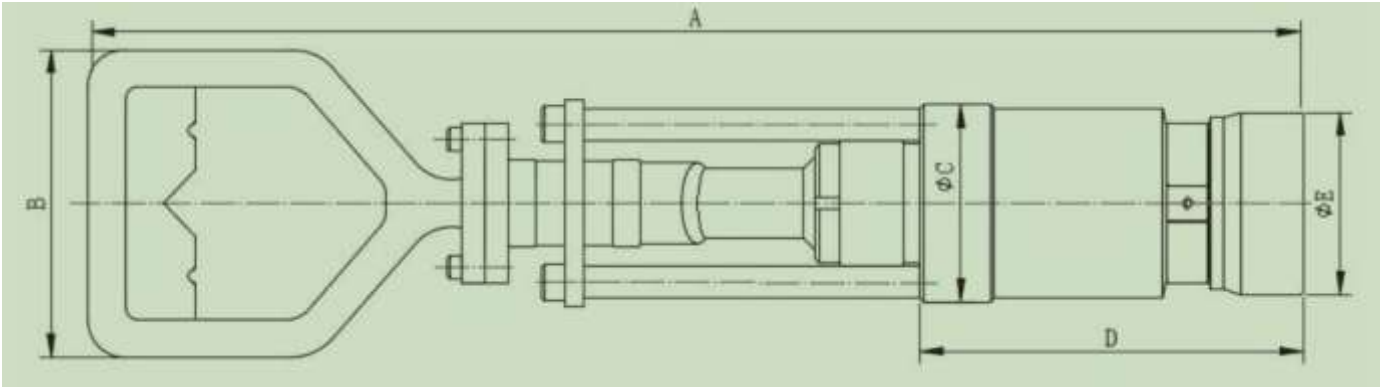
Part Number Example	JSE-	12	T	K	R
Series					
Number of Contacts					
Connector Type: T-Plug Z-Receptacle					
Contact Type: K-Socket J-Pin					
Connecting Type: R-AOV B-board-to-board					

Dimensions

● Board-to-board plug

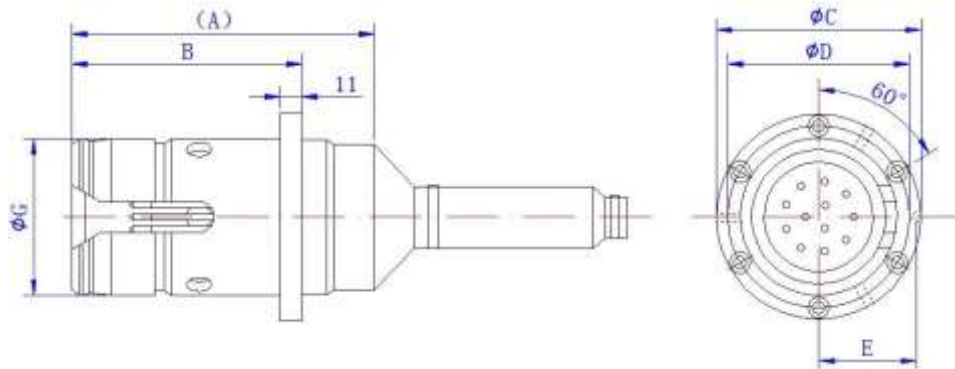


● ROV Plug

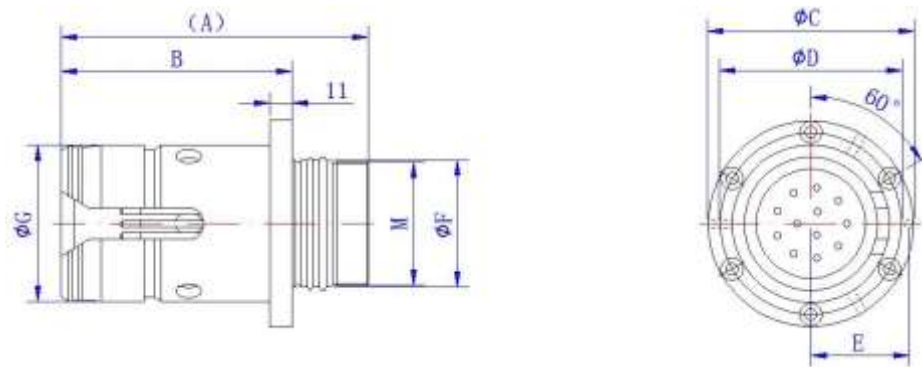


Model	A	B	C	D	E	F
JSE-4	550	135	89	170	80	51
JSE-1/JSE-7	550	135	100	166	90	60.4
JSE-12	550	135	110	166	103	69.8
JSE-19	550	135	130	166	122	89.5

- **Board to board Receptacle**

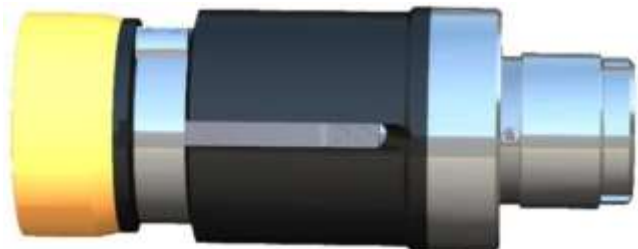
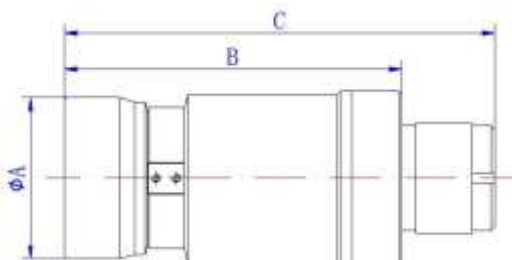


- **ROV Receptacle**



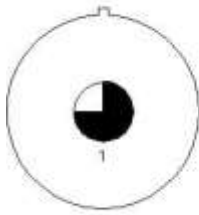
Model	A	B	C	D	E	F	G	M
JSE-4	148.5	113.5	89	76	40.5	48	61.5	M47×1
JSE-1/JSE-7	149	114	99	86	45.5	57	71.6	M55×1
JSE-12	154	115.8	106	93	49.5	63.5	80.7	M62×1
JSE-19	159	121	130	113	61	77	100	M75×1

- **Dummy Connector**

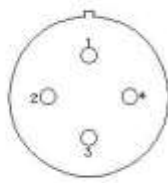


Model	A	B	C
JSE-4	80	170	216.
JSE-1/ JSE-7	90	166	212.7
JSE-12	103	166	212.7
JSE-19	122	166	212.7

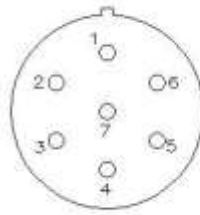
Contact Arrangements (Face view of pin connectors)



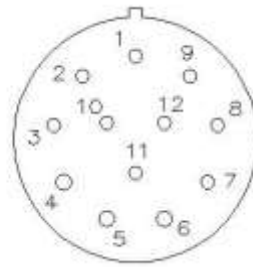
JSE-1



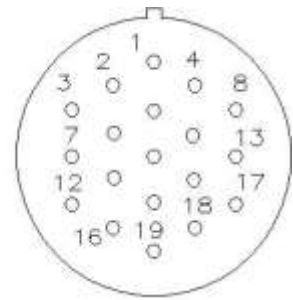
JSE-4



JSE-7



JSE-12



JSE-19