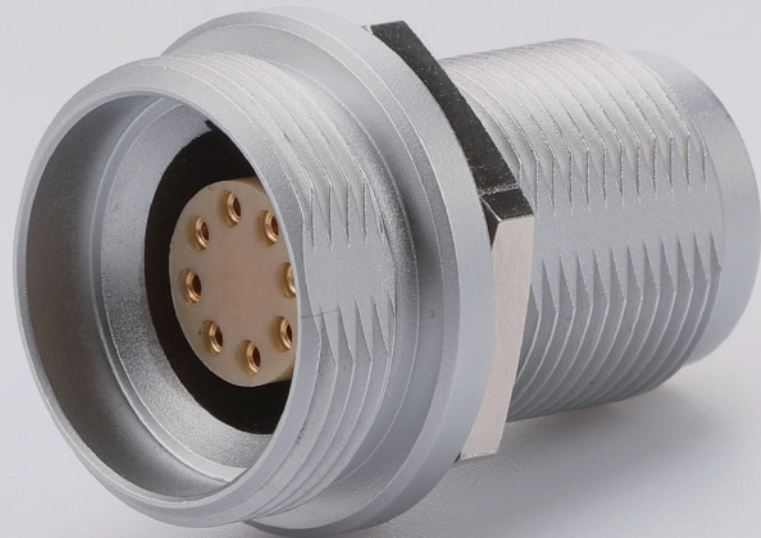


W Series (Deepwater Connector)

(OUTDOOR KEYED)



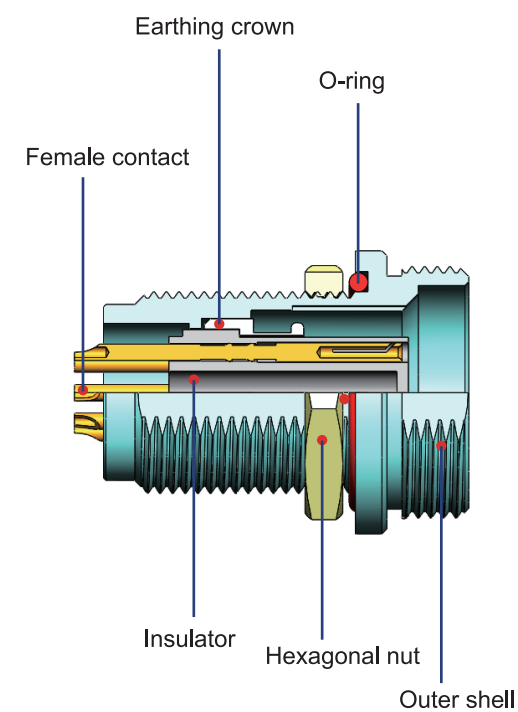
MAIN FEATURES:

1. Screw Locking system;
2. Suitable for deep water and high humidity areas;
3. Double gasket protection, good waterproof performance;
4. Multipole types 2-32 contacts;
5. Multiple key options to avoid cross mating of similar connectors;
6. Rugged housing design for extreme working environment.

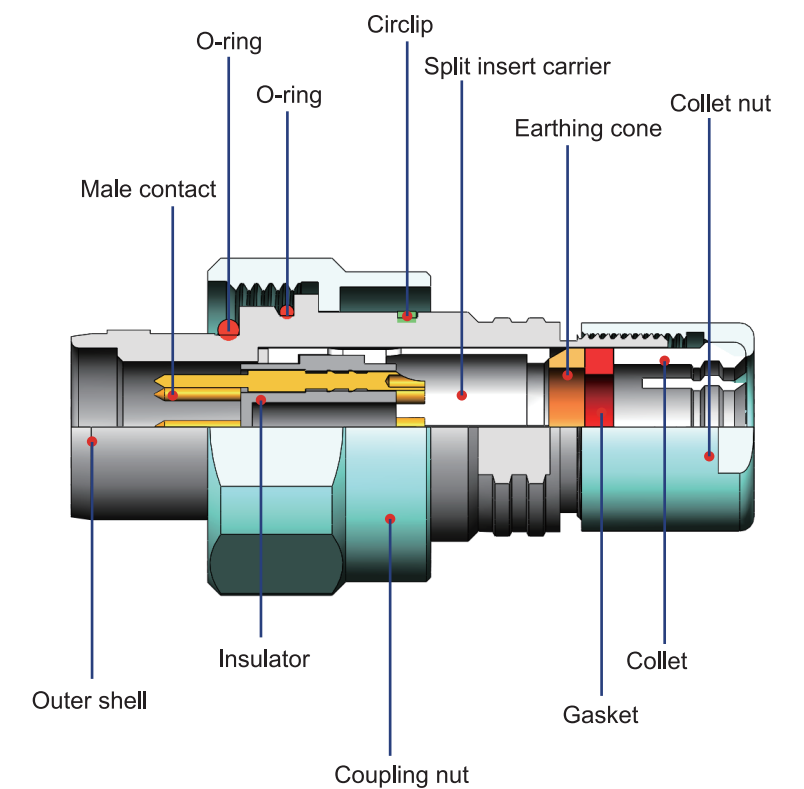
PART SECTION SHOWING INTERNAL COMPONENTS

W series

Fixed socket



Straight plug



Part Numbering System

Plug **2W** **T1** **G** **06** **C** **L** **A** **50** **4** **3** **0**
Fixed socket **2W** **Z7** **G** **06** **C** **L** **L** **00** **0** **0** **0**

1.Series: (Page 46)

2.Housing model: (Page 46)

3.Alignment key: (Page 51)

4.Insert configuration:(Page 47)

5.Housing material
C=Chrome plated brass
K=Black Chrome plated brass
N=Nickel plated brass
T=Stainless steel
L=Aluminium alloy anodized

6.Insulator material
L=PPS

7.Contact type
A=Solder male L=Solder female

8.Cable OD: (Page 100)

9.Outershell pattern
4=Circle Pattern)

10.Collet Nut Type
2=Collet nut for bend relief
3=Flat (without bend relief)

11.Earthing Tag
0=Without Earthing Tag
1=With Earthing Tag

PART NUMBER EXAMPLE:

Straight plug with cable collet:

2WT1G06CLA50430=2W series straight plug with key(G) and cable collet,multipole type with 6 contacts,chrome plated brass outer shell, PPS insulator,solder male contacts,collet for 5.0mm diameter cable, circle pattern outer shell,flat collet nut,without earthing tag.

Fixed socket:

2WZ7G06CLL00000=2W series fixed socket, nut fixing,key(G),multipole type with 6 contacts,chrome plated brass outer shell, PPS insulator, solder female contacts,without earthing tag.

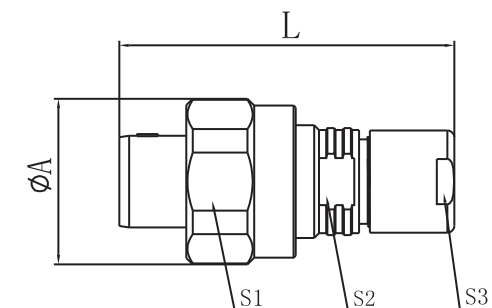
TECHNICAL CHARACTERISTICS

Characteristics	Parameter
Locking Type	Screw Locking
Working Temperature	-55°~+200°
Shielding Efficiency	75dB(10MHz) 40dB(1GHz)
Resistance to Vibration	15g[10Hz~2000Hz]

Characteristics	Parameter
Salt spray corrosion test	96hr
Shock resistance	100g,6ms
Endurance	1000 cycles
Protection index(mated)	IP68
Resistance to hybrostic pressure(mated)	30 bars

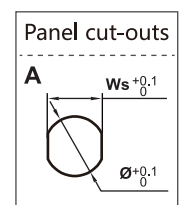
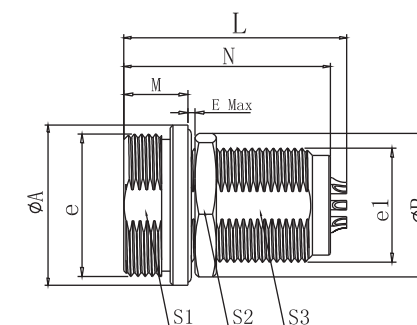
Housing Models

T1 PLUG STRAIGHT PLUG, SCREW LOCKED, CABLE COLLET



Reference		Dimensions(mm)				
Series	Model	A	L	S1	S2	S3
2W	T1	23.5	47.5	22	13	13

Z7 SOCKET FIXED SOCKET, NUT FIXING,KEY(G) OR KEYS(A...L)



Reference		Dimensions(mm)											Panel cut-outs		
Series	Model	A	B	L	M	N	E	S1	S2	S3	e	e1	Ws	Ø	Type
2W	Z7	22.5	21.9	31.3	9	29	12	18.5	19	14.5	M20*1.0	M16*1.0	14.6	16.1	A