

**COLLET (C,U SERIES)** (The material of collet is nickel plated brass)

**FOR C SERIES**



Code	ColletØA (mm)	Cable DiaØ(mm)		Series		
		min.	max.	0C	1C	3C
32	3.2	2.7	3.2	●	●	
42	4.2	3.7	4.2		●	
45	4.5	4.0	4.5	●		
52	5.2	4.7	5.2	●	●	
56	5.6	5.1	5.6	●		
62	6.2	5.7	6.2		●	
65	6.5	6.0	6.5	●		●
73	7.3	6.8	7.3			●

**FOR U SERIES**



Code	ColletØA (mm)	Cable DiaØ(mm)		Series	
		min.	max.	00U	0U
32	3.2	2.7	3.2	●	
45	4.5	4.0	4.5	●	●
50	5.0	4.6	5.0	●	●
55	5.5	5.0	5.5	●	●
60	6.0	5.6	6.0	●	●

U SERIES

**T SERIES**

(OUTDOOR YLH BAYONET CONNECTOR)

**MIL-DTL-26482 SERIES I CONNECTOR**

MIL-DTL-26482 Ser. I Connectors Uses a quick disconnect bayonet Coupling and 5 keyways



**1T SERIES**



**0T SERIES**

### MAIN FEATURES:

1. Bayonet type
2. Multipole types 2 to 9 contacts
3. Quick connect and disconnect
4. 5 keyways to avoid mismatching
5. Small size, high density and high reliability
6. Suitable for harsh environment
7. Vacuum-tight

Socket: differential pressure 1.01\*10Pa, No bubble leakage for 1 minute

Plug and socket mated: 2h without seepage under 1m water

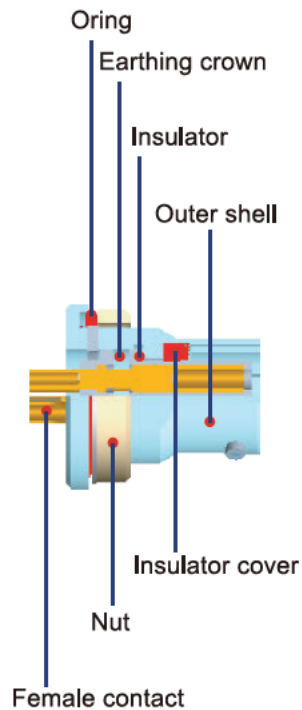
### TECHNICAL CHARACTERISTICS

Characteristics	Parameter
Locking Type	Bayonet Type
Working Temperature	-55°C~ +125°C
Maximum Humidity	up to 95% at 60°/140°F
Working Pressure	4.39KPa-101.33KPa
Shielding Efficiency	75dB(10MHz) 40dB(1GHz)
Resistance to Vibration	15g[10Hz~2000Hz]
Salt spray corrosion test	48hr
Shock resistance	100g,6ms
Endurance	2000 cycles

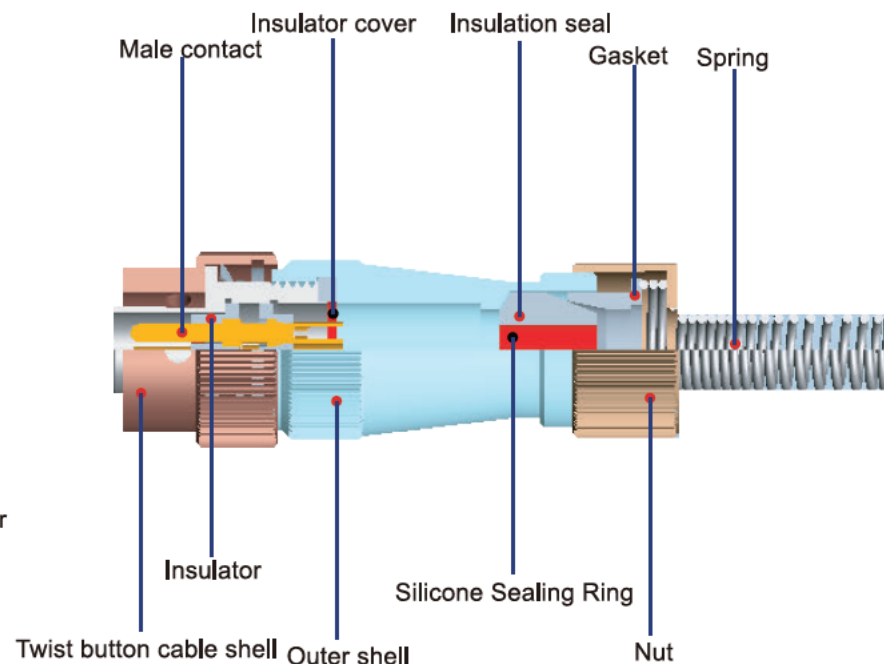
### PART SECTION SHOWING INTERNAL COMPONENTS

## T series

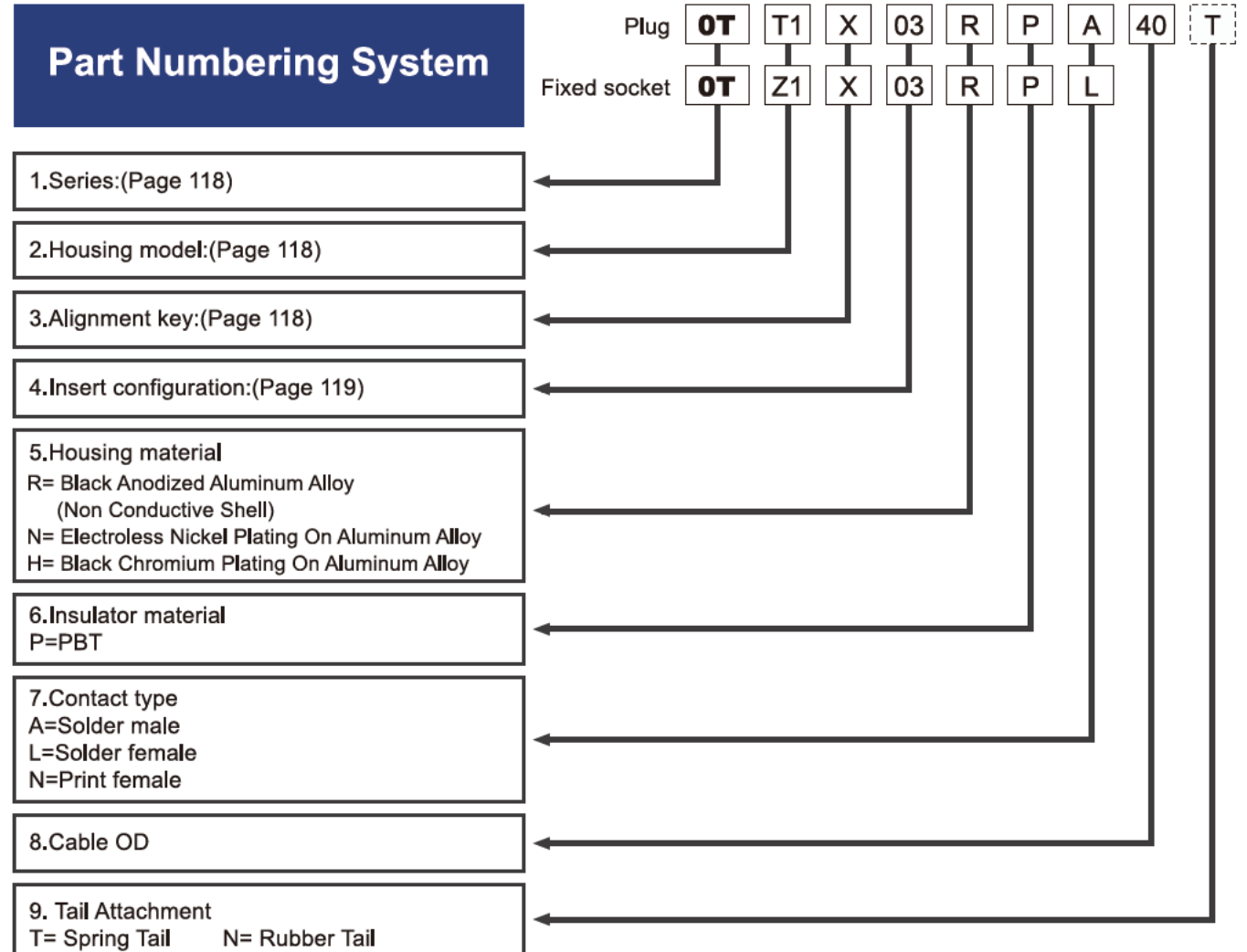
#### Fixed socket



#### Straight plug



### Part Numbering System



### PART NUMBER EXAMPLE:

#### Plug with Spring Tail:

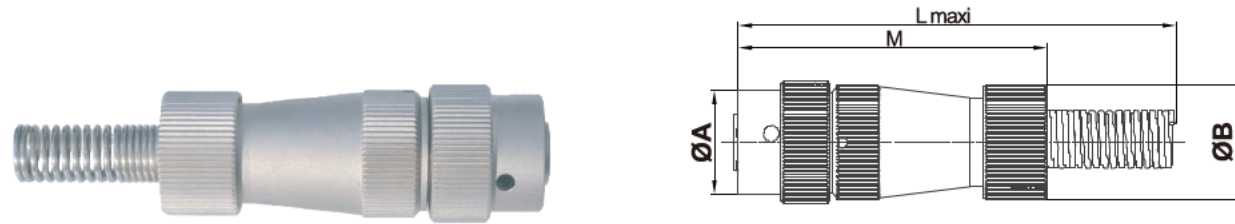
0TT1X04RPA50T=0T series plug with key(X) and spring tail, multipole type with 4 contacts, outer shell in black anodized, PBT insulator, solder male contacts, collet for 5.0mm diameter cable.

#### Nut Fixed Socket:

0TZ1X04RPL=0T series Fixed socket with key(X), nut fixed, multipole type with 4 contacts, out shell in black anodized, PBT insulator, solder female contacts.

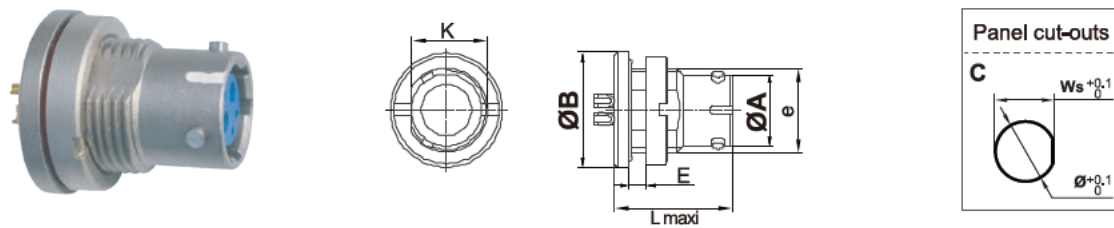
## Housing Models

### T1 PLUG PLUG WITH SPRING TAIL, KEY(X) OR KEY (Y)



Reference		Dimensions(mm)			
Series	Model	A	L	M	B
0T	T1	13.9	51.2	76	16
1T	T1	17	54	76	18

### Z1 SOCKET NUT FIXED SOCKET, KEY(X) OR KEY (Y)



Reference		Dimensions(mm)						Panel cut-outs		
Series	Model	A	E	K	L	B	e	Ws	Ø	Type
0T	Z1	10.5	4	11.2	17	17	M12*1.0	11.4	12.1	C
1T	Z1	10.5	4	13	20	19	M14*1.0	13.1	14.1	C

### T SERIES ALIGNMENT KEY

Front view of a socket	Code	Angles	Series	
			0T	1T
	X	α	108°	105°
		β	35°	35°
		γ	92°	95°
		δ	50°	50°
Y	α	80°	80°	
	β	44°	44°	
	γ	40°	40°	
	δ	72°	72°	

## INSERT CONFIGURATION (Multipole)

Series	Code	Solder contacts		Contact ø(mm)	Resistance (mΩ)	Rated current (A)	Test voltage (V)	Working voltage (V)
		Male	Female					
0T	02			1.02	5.0	7.5	1250	415
	03			1.02	5.0	7.5	1450	450
	04			0.76	12.5	3.0	1200	400
	07			0.76	12.5	3.0	120	400
1T	02			1.5	3.0	13	1200	395
	03			1.02	5.0	7.5	1200	395
	04			1.02	5.0	7.5	1000	395
	05			2-2.0 3-0.76	2/12.5	20/3	1000	330

CALCULATION METHOD: WORKING VOLTAGE= TEST VOLTAGE/3

### WORKING VOLTAGE AND VOLTAGE RESISTANCE V

Height	Work voltage(V)			Test voltage(V)		
	Use level I	Use level II	Use level III	Use level I	Use level II	Use level III
Sea level	600	1000	400	1500	2300	1300
21336m	300	450	200	375	500	250