



CATALOGUE

Circular Connector



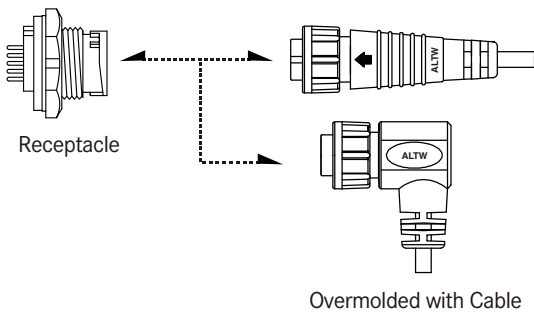


Circular Connector

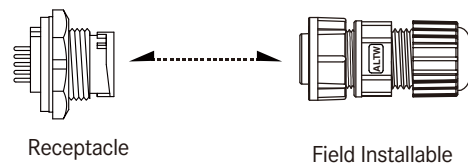


Range Overview

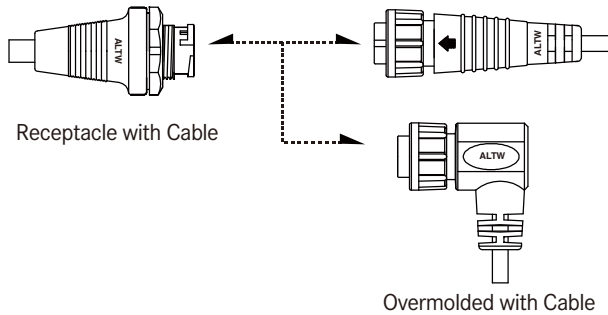
Receptacle To Overmolded with Cable



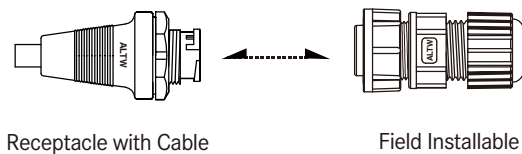
Receptacle To Field Installable



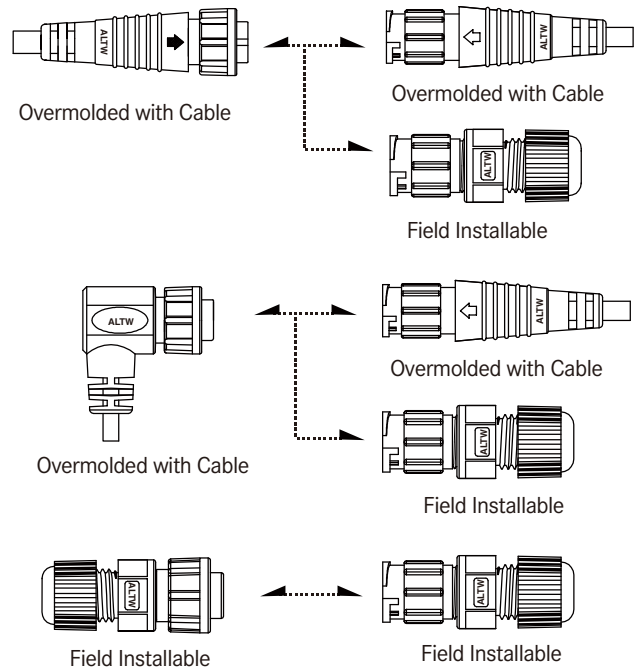
Receptacle with Cable to Overmolded with Cable



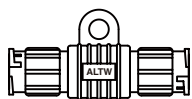
Receptacle with Cable to Field Installable



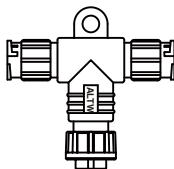
In Line



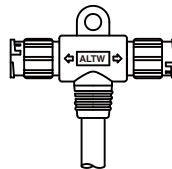
Accessories



I Adaptor
See page 21-7



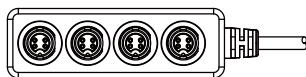
T Adaptor
See page 21-4



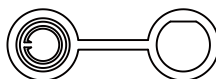
T Cable
See page 21-1



Tool
See page 21-22



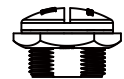
Extension
See page 21-19



Dust Cap
See page 21-9



Waterproof Cap
See page 21-11



Dummy
See page 21-18

【Note】 Design and specification are subject to change without notice.

Specification

Identifications	A Size (Mini Size: 7/16"-28 UNS) B Size (Standard Size: 5/8"-27 UNS) C Size (Middle Size: 13/16"-28 UNS) D Size (Large Size: 1"-20 UNEF) E Size (Macro Size: 1 3/16"-20 UNS)
Description	Receptacle Receptacle with cable Overmolded with Cable Field Installable
Current Rating / Data	2A, 5A, 10A, 20A, 5A+2A, 10A+2A, 10A+5A, 20A+2A, 20A+5A
Material	Contacts: Copper Alloy, Gold Plated Connector Body (Housing) : Nylon+GF, UL Recognized
Waterproof Rating	IP66~68
Temperature Range	Receptacle: -40°C~105°C Receptacle with cable: -20°C~80°C Overmolded with Cable: -20°C~80°C Field installable: -40°C~105°C
Contact Resistance	≤ 10mΩ
Insulation Resistance	≥ 100MΩ at DC500V
Durability	1000 cycles
Breakdown Voltage	≥ AC1000V / 1 minute
More to know	Salt Spray Corrosion Test: 48H Standard Cable Length: 01~99M

Ordering Information

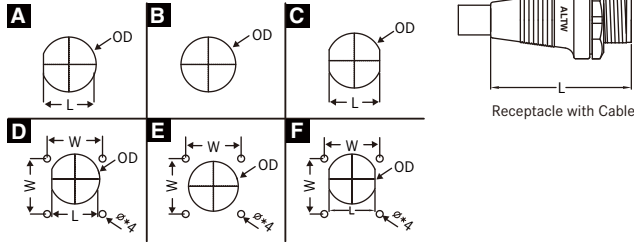
1	2	3	4	5	6	7	8	9	10
Specification / Current Rating <u>>Mini Size</u> (AU) 2A (AD) 5A <u>>Mini Size Metal</u> (ASU) 2A (ASD) 5A <u>>Standard Size</u> (BU) 2A (BD) 5A (BB) 10A (BDU) 5A+2A (BBD) 10A+5A <u>>Standard Size Metal</u> (BSU) 2A (BSD) 5A (BSB) 10A <u>>Middle Size</u> (CU) 2A (CD) 5A (CB) 10A (CC) 20A (CDU) 5A+2A (CBU) 10A+2A (CBD) 10A+5A (CGU) 16A+2A* <u>>Large Size</u> (DU) 2A (DD) 5A (DC) 20A (DCU) 20A+2A (DCD) 20A+5A (DCB) 20A+10A* <u>>Large Size Metal</u> (DSD) 5A <u>>Macro Size</u> (ED) 5A <u>>Others</u> (GBD) 10A+5A (Between Standard Size & Middle Size) (MAB) 10A (Equivalent to AMP) (PLD) 5A (Size 12)									
Number of Contacts 02, 03..... EX. (02) = 2 Contacts									
Connector Body (Style) <u>> For Receptacle</u> (P) Front Fastened (R) Rear Fastened <u>> For Overmolded with Cable</u> (A) With Strain Relief (B) Without Strain Relief <u>> For Field installable</u> (B) Without Strain Relief									
Connector (Housing) Gender (M) Male Connector (F) Female Connector									
Contact Gender (M) Male (D) Female (Power) + Male (Signal) (F) Female (E) Male (Power) + Female (Signal)									
Assemble Style <u>> For Receptacle</u> (S) Solder Type (B) Screw in Type (P) 180° PCB Type (R) 90° PCB Type <u>> For Overmolded with Cable</u> (M) Overmolded with Cable <u>> For Field Installable</u> (A) Field installable (Solder) (B) Screw in Type									
Mating Style (L) 2 Points Lock Bayonet (T) 3 Points Lock Bayonet (S) Screw Thread (Q) Push Lock									
Backshell <u>> For Receptacle</u> (C) Circular (S) Square <u>> For Overmolded with Cable</u> (L) Straight (R) Right Angle <u>> For Field Installable</u> (L) Straight									
Waterproof Rating (6) IP 66 (7) IP 67 (8) IP 68									
More Information (C00) Similar Standard with TC-ER Cable <u>> For Overmolded with Cable</u> <u>> For Receptacle</u> (001), (002)..... Without Cable : Different Versions (□) : Cable Type (A) UL2464 Cable (B) UL2586 Cable (C) Power Cable(TC-ER) (■) : Cable Length From 1M to 99M EX. (01) = 1M									

* Coming soon

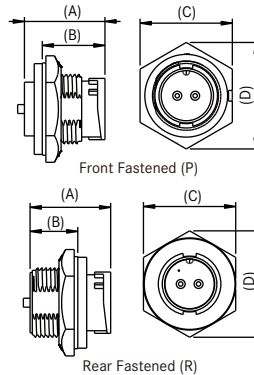
【Note】 Design and specification are subject to change without notice.

Physical Dimension

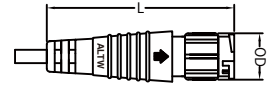
Receptacle Panel Cut-Out



Connector Dimension



Overmolded with Cable



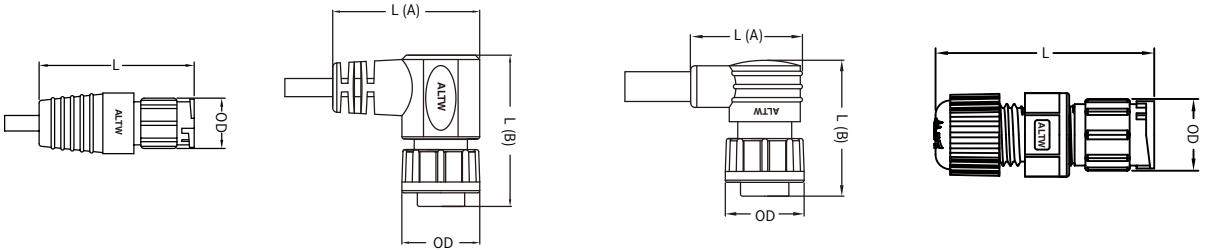
with Strain Relief / Straight

Current Rating		Dimension		Type	L / W	OD	ø	L (Connector Body)
Size	Metal	Connector Gender	Male					
Mini Size	-	2A(AU)	A	10.4	10.9	-	40.5	-
	-	2A(ASU)	D	10.4 / 12.7	10.9	3.05	-	-
	Metal	5A(AD)	A	10.4	10.9	-	40.5	-
	Metal	5A(ASD)	D	10.4 / 12.7	10.9	3.05	-	-
Standard Size	-	2A(BU)	A	14.8	15.6	-	42.6	-
	Metal	2A(BSU)	B	-	15.6	-	-	-
			C	14.0	16.0	-	-	-
	-	5A(BD)	A	14.8	15.6	-	42.6	-
	Metal	5A(BSD)	B	-	15.6	-	-	-
			E	16.0	15.6	3.1	-	-
	-	5A+2A(BDU)	A	14.8	15.6	-	42.6	-
	-	10A(BB)	A	14.8	15.6	-	42.6	-
	Metal	10A(BSB)	C	14.1	15.6	-	-	-
			A	14.8	15.6	-	42.6	-
Middle Size	-	2A(CU)	A	19.4	20.8	-	-	-
	-	5A(CD)	A	19.4	20.8	-	47.0	-
	-	5A+2A(CDU)	A	19.4	20.8	-	-	-
	-	10A(CB)	A	19.4	20.8	-	47.0	-
	-	10A+2A(CBU)	A	19.4	20.8	-	-	-
	-	10A+5A(CBD)	A	19.4	20.8	-	59.5	-
	-	20A(CC)	A	19.4	20.8	-	47.0	-
Large Size	-	2A(DU)	A	23.6	25.6	-	-	-
	-	5A(DD)	A	23.6	25.6	-	-	-
	Metal	5A(DD)	D	23.6/24.4	25.6	3.1	-	-
			E	24.8/24.5	24.8	3.1	-	-
			F	23.2/24.5	25.6	3.1	-	-
	-	20A(DC)	A	23.6	25.6	-	-	-
	-	20A(DC)	D	23.6/24.4	25.6	3.1	-	-
	-	20A+2A(DCU)	A	23.6	25.6	-	-	-
Macro Size	-	20A+5A(DCD)	A	23.6	25.6	-	-	-
	-	5A(ED)	D	29.0/30.1	30.1	3.5	-	-
Others	-	10+5A(GBD)	-	-	-	-	-	-
	-	10A(MAB)	-	-	-	-	-	-
	-	5A(PLD)	C	11.3	12.8	-	-	-

A	B	C	D	Panel Thickness Max	
				Lock Type	Screw Type
P:18.4 R:18.0	P:14.0 R:10.8	15.7	18.1	P:3.5 R:5.0	P:5.0 R:5.0
18.6	14.0	15.7	18.1	P:3.5	-
P:18.4 R:18.0	P:14.0 R:10.8	15.7	18.1	P:3.5 R:5.0	P:5.0 R:5.0
18.6	14.0	15.7	18.1	P:3.5	-
P:18.0 R:18.0	P:14.0 R:10.65	20.6	23.5	P:4.5 R:5.0	P:4.0 R:5.0
P:18.8 R:19.8	P:16.3 R:11.3	22.0	25.4	-	P:5.0 R:7.0
P:18.0 R:18.0	P:14.0 R:10.65	20.6	25.4	P:4.5 R:5.0	P:4.0 R:5.0
P:18.0 R:18.0	P:14.0 R:11.3	P:21.0 R:22.0	P:23.9 R:25.4	-	P:4.4 R:7.0
P:18.0 R:18.0	P:14.0 R:10.65	20.6	23.5	P:4.5 R:5.0	P:4.0 R:5.0
P:18.0 R:18.0	P:14 R:10.65	20.6	23.5	P:4.5 R:5.0	P:4.0 R:5.0
19.8	11.3	22.0	25.4	-	R:7.0
P:18.0 R:18.0	P:14.0 R:10.65	20.6	23.8	P:4.5 R:5.0	P:4.0 R:5.0
17.0	14.0	25.4	29.3	P:4.0	P:3.0
P:17.0 R:18.0	P:14.0 R:10.0	25.4	29.3	P:4.0 R:4.0	P:3.0 R:4.0
18.0	14.0	25.4	29.3	P:4.0	P:3.0
P:17.0 R:18.0	P:14.0 R:10.0	25.4	29.3	P:4.0 R:4.0	P:3.0 R:4.0
18.0	15.0	25.4	29.3	P:4.0	-
19.5	F:15 R:11.5	25.4	29.3	P:4.0	P:3.0
P:17.0 R:18.0	P:14.0 R:10.0	25.4	29.3	P:4.0 R:4.0	P:3.0 R:4.0
18.0	14.8	28.5	33.0	P:4.0	-
P:18.0 R:18.0	P:14.9 R:10.3	28.5	33.0	P:4.0 R:4.0	P:4.0 R:4.0
17.9	14.6	29.0	33.5	-	P:3.5
18.0	14.6	29.0	33.4	-	P:3.5
P:18.0 R:18.0	P:14.9 R:10.3	28.5	33.0	P:4.0 R:4.0	P:4.0 R:4.0
18.8	14.8	28.5	33.0	P:4.0	-
19	P:14.9/R:10.8	28.5	33.0	P:4.0/R:3.5	P:4.0/R:3.5
17.6	14.9	34.9	4.0	P:3.5	-
-	-	-	-	-	-
-	-	-	-	-	-
15.9	13.4	15.8	17.3	P:3.0	-

L		OD	
Female	Male	Female	Male
43.5	44.5	15.2	13.5
-	-	-	-
43.5	44.5	15.2	13.5
-	-	-	-
55.5	59.0	S-20.0 L-18.0	14.6
-	-	-	-
55.5	59.0	S-20.0 L-18.0	14.6
-	-	-	-
55.5	-	S-20.0 L-18.0	-
55.5	59.0	S-20.0 L-18.0	14.6
-	-	-	-
43.0	59.0	S-20.0 L-18.0	14.6
60.0	-	L-22.2 S-25.4	-
60.0	60.0	L-22.2 S-25.4	20.0
60.5	-	L-22.2 S-25.4	-
60.0	-	L-22.2 S-25.4	-
60.0	-	L-22.2 S-25.4	-
60.0	-	L-22.2 S-25.4	-
59.5	-	S-32.0 L-28.5	-
59.5	59.5	S-32.0 L-28.5	22.5
-	-	-	-
-	-	-	-
59.5	-	S:32.0 L:28.5	-
63.5	69.7	28.5	22.5
59.5	59.5	28.5	22.5
70.0	-	33.3	-
68.7	73.5	26.6	25.0
61.5	61.5	23.0	19.4
-	-	-	-

Field installable



without Strain Relief / Straight

with Strain Relief / Right Angle

without Strain Relief / Right Angle

without Strain Relief / Straight

L		OD	
Female	Male	Female	Male
34.0	35.3	15.2	13.5
-	-	-	-
34.0	35.3	15.2	13.5
-	-	-	-
43.0	45.0	S-20.0 L-18.0	14.6
37.8	-	19.0	-
43.0	45.0	S-20.0 L-18.0	14.6
37.8	-	19.0	-
43.0	-	S-20.0 L-18.0	-
43.0	45.0	S-20.0 L-18.0	14.6
-	-	-	-
43.0	45.0	S-20.0 L-18.0	14.6
41.8	-	L-22.2 S-25.4	-
41.8	41.8	L-22.2 S-25.4	20.0
41.8	-	L-22.2 S-25.4	-
41.8	-	L-22.2 S-25.4	-
-	-	-	-
41.8	-	L-22.2 S-25.4	-
41.8	-	L-22.2 S-25.4	-
52.0	-	S-32.0 L-28.5	-
52.0	52.0	S-32.0 L-28.5	22.5
49.3	-	30.0	-
49.3	-	30.0	-
52.0	-	S32.0 L-28.5	-
-	-	-	-
-	-	-	-
60.2	65.0	26.6	25.0
53.0	53.0	23.0	19.4
-	-	-	-

L [A]		L [B]		OD	
Female	Male	Female	Male	Female	Male
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
34.0	-	35.0	-	S-20.0 L-18.0	-
-	-	-	-	-	-
34.0	-	35.0	-	S-20.0 L-18.0	-
-	-	-	-	-	-
34.0	-	35.0	-	S-20.0 L-18.0	-
-	-	-	-	-	-
34.0	-	35.0	-	S-20.0 L-18.0	-
-	-	-	-	-	-
34.0	-	35.0	-	S-20.0 L-18.0	-
-	-	-	-	-	-
42.5	-	39.5	-	22.2	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
44.1	-	49.8	-	S-32.0 L-28.5	-
40.0	-	40.0	-	30.0	-
40.0	-	40.0	-	30.0	-
-	-	-	-	-	-
-	-	-	-	-	-
44.1	-	49.8	-	28.5	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

L [A]		L [B]		OD	
Female	Male	Female	Male	Female	Male
24.0	-	29.4	-	15.2	-
-	-	-	-	-	-
24.0	-	29.4	-	15.2	-
-	-	-	-	-	-
-	-	-	-	-	-
30.0	-	33.6	-	19.0	-
25.5	-	31.0	-	S-20.0 L-18.0	-
30.0	-	33.6	-	19.0	-
-	-	-	-	-	-
25.5	-	31.0	-	S-20.0 L-18.0	-
-	-	-	-	-	-
25.5	-	31.0	-	S-20.0 L-18.0	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
40.0	-	40.0	-	30.0	-
40.0	-	40.0	-	30.0	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

L		OD	
Female	Male	Female	Male
41.5	41.5	15.2	13.5
-	-	-	-
41.5	41.5	15.2	13.5
-	-	-	-
44.0	43.0	S-20.0 L-18.0	14.6
-	-	-	-
43.0	43.0	S-20.0 L-18.0	14.6
-	-	-	-
43.0	-	S-20.0 L-18.0	-
43.0	43.0	S-20.0 L-18.0	14.6
-	-	-	-
43.0	43.0	S-20.0 L-18.0	14.6
48.2	-	L-22.2 S-25.4	-
48.2	48.65	L-22.2 S-25.4	20.0
-	-	-	-
48.2	-	L-22.2 S-25.4	-
49.7	-	23.0	-
-	-	-	-
48.2	-	L-22.2 S-25.4	-
-	-	-	-
54.9	54.9	S-32.0 L-28.5	23.0
-	-	-	-
-	-	-	-
54.9	54.9	S-32.0 L-28.5	23.0
62.8	59.3	L-28.5	23.0
59.9	59.9	L-28.5	23.0
-	-	-	-
-	-	-	-
-	-	-	-
39.2	35.3	15.0	15.0

Unit: mm

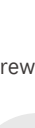
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Contact Configuration

	Mini Size (A)						Standard Size (B)							
	2A(AU)(ASU)		5A(AD)		5A(ASD)		2A(BU)(BSU)		5A(BD)		5A(BSD)		10A(BB)	
4 5	MM or FF	MF or FM	MM or FF	MF or FM	MM or FF	MF or FM	MM or FF	MF or FM	MM or FF	MF or FM	MM or FF	MF or FM	MM or FF	MF or FM
2 Pin														
			R C F		R				R C F	R C F			R C F	R C F
3 Pin														
			R C F						R C F	R C F			R C F	R C F
4 Pin														
	R C F								R C F	R C F	R C F		R C F	
5 Pin														
	R C F								R C F	R C F	R C F			
6 Pin														
	R C F								R C F	R C F	R C F			
7 Pin														
									R C F		R C F			
8 Pin														
									R C F		R C F			
9 Pin														
10 Pin														
							R C F							
12 Pin														
							R C F							
14 Pin														
18 Pin														
20 Pin														
21 Pin														
22 Pin														
31 Pin														

* Standard Size Metal (BSU): 10 Contact

Standard Size (10A | 5A+2A | 10A+5A)
Middle Size (2A | 5A | 10A | 20A | 5A+2A)

R: Receptacle	
C: Overmolded with Cable	
F: Field Installable	
● 2A (AU/ASU/BSU/BU/CU/DU) 1 ▲ 5A (AD/ASD/BD/BSD/CD/DD/DSD/ED/PLD) ■ 10A (BB/BSB/MAB) ◇ 20A (CC/DC) ▲ ● 5A+2A (BDU/CDU) ■ ● 10A+2A (CBU) ■ ▲ 10A+5A (BBD/CBD/GBD) ◇ ● 20A+2A (DCU) ◇ ▲ 20A+5A (DCD)	
Number of Contacts:	2
Ex.2 contacts (02)	
Connector (Housing) Gender:	4
Male (M) or Female (F)	
Contact Gender:	5
Male (M) or Female (F)	
Male + Female (D) / (E)*	
More to Choose:	6
● Solder (S) - Solder Cup	● Screw In (B)
	
● PCB Type - 90° PCB (R)*	- 180° PCB (P)*
	
● Crimp (C)*	- More available: 1. The plating to gold or tin 2. Plated thickness
	* Refer to page 1-6 for ordering info ** PCB and crimp styles are upon request for certain of items.
Please contact with ALTW in advance.	

Innovation in Waterproof Solution 1-10

Contact Configuration

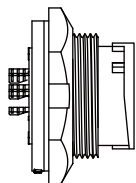
	Middle Size (C)						Middle Size (C)				Large Size (D)			
	10A(CB)		20A(CC)		5A+2A(CDU)		10A+5A(CBD)		10A+2A(CBU)		2A(DU)		5A(DD)(DSD)	
4 5	MM or FF	MF or FM	MM or FF	MF or FM	MM or FF	MF or FM	MM or FF	MF or FM	MM or FF	MF or FM	MM or FF	MF or FM	MM or FF	MF or FM
2 Pin														
				R C F										
3 Pin														
			R C F											
4 Pin														
	R C F	R C F												
5 Pin														
	R C F	R C F												
6 Pin														
	R C F													
7 Pin														
8 Pin														
							R C	R C	R C F	R C F				
9 Pin														
10 Pin														
12 Pin														
						R C F								
14 Pin														
						R C F								
18 Pin														
													R C F	R C F
20 Pin														
											R C F			
21 Pin														
											R C F			
22 Pin														
											R C F			
31 Pin														

Large Size (D)						Marco Size (E)		Other Size					
20A(DC)		20A+2A(DCU)		20A+5A(DCD)		5A(ED)		10A+5A(GBD)		10A(MAB)		5A(PLD)	
MM or FF	MF or FM	MM or FF	MF or FM	MM or FF	MF or FM	MM or FF	MF or FM	MM or FF	MF or FM	MM or FF	MF or FM	MM or FF	MF or FM
R C F													R F
R C F													R F
R C F											R C F		R F
R C F													
R C F													
R C F								C					
		R C F	R C F										
				R C F	R C F								
								R C					

【Note】 Design and specification are subject to change without notice.

Product Features

Receptacle



Flange 8



Circular (C)



Square (S)

Mating Style 7



2 Points Lock Bayonet (L)



3 Points Lock Bayonet (T)

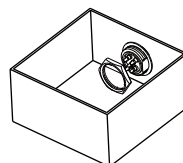


Screw Thread (S)

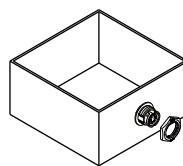


Push Lock (Q)

Connector Body(Style) 3



Rear Fastened (R)

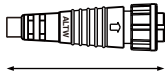


Front Fastened (P)

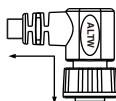
Overmolded with Cable



Backshell 8



Straight (L)



Right Angle (R)

Mating Style 7



2 Points Lock Bayonet (L)



3 Points Lock Bayonet (T)

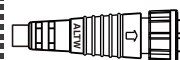


Screw Thread (S)

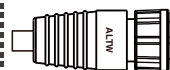
Push Lock (Q)

*Upon request

Connector Body(Style) 3

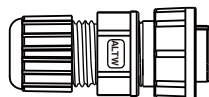


With Strain Relief (A)

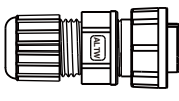


Without Strain Relief (B)

Field Installable



Backshell 8



Straight (L)

Mating Style 7



2 Points Lock Bayonet (L)



3 Points Lock Bayonet (T)



Screw Thread (S)



Push Lock (Q)

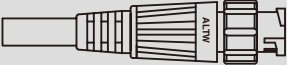
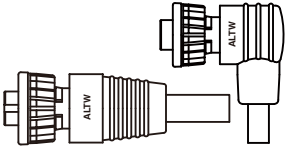
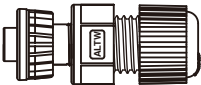
Connector Body(Style) 3



Without Strain Relief (B)

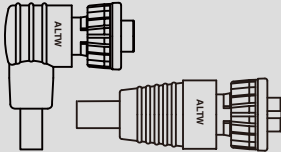
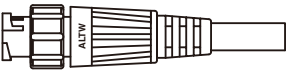
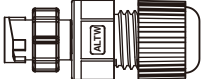
Find Our Standard Products

└ Mini Size: 7/16"-28 UNS > In-line

• Male Connector (Housing) • Male Contacts • 2 Points Lock Bayonet		Overmolded with Cable	Overmolded with Cable	Field Installable
				
Current Rating (Code)	Contacts ②	Male Connector (M) Male Contacts (M)	Female Connector (F) Female Contacts (F)	Female Connector (F) Female Contacts (F)
2A (AU)	04,05,06	AU- ② AMMM-LL6A $\underline{XX}$ * AU- ② BMMM-LL7A $\underline{XX}$ *	AU- ② AFFM-LL6A $\underline{XX}$ * AU- ② BFFM-LL7A $\underline{XX}$ * AU- ② BFFM-LR6A $\underline{XX}$ *	AU- ② BFFA-LL7001
5A (AD)	02,03	AD- ② AMMM-LL6A $\underline{XX}$ * AD- ② BMMM-LL7A $\underline{XX}$ *	AD- ② AFFM-LL6A $\underline{XX}$ * AD- ② BFFM-LL7A $\underline{XX}$ * AD- ② BFFM-LR6A $\underline{XX}$ *	AD- ② BFFA-LL7001

* $\underline{XX}$: Choose the cable length from 01~99m

└ Mini Size: 7/16"-28 UNS > In-line

• Female Connector (Housing) • Female Contacts • 2 Points Lock Bayonet		Overmolded with Cable	Overmolded with Cable	Field Installable
				
Current Rating (Code)	Contacts ②	Female Connector (F) Female Contacts (F)	Male Connector (M) Male Contacts (M)	Male Connector (M) Male Contacts (M)
2A (AU)	04,05,06	AU- ② AFFM-LL6A $\underline{XX}$ * AU- ② BFFM-LL7A $\underline{XX}$ * AU- ② BFFM-LR6A $\underline{XX}$ *	AU- ② AMMM-LL6A $\underline{XX}$ * AU- ② BMMM-LL7A $\underline{XX}$ *	AU- ② BMMA-LL7001
5A (AD)	02,03	AD- ② AFFM-LL6A $\underline{XX}$ * AD- ② BFFM-LL7A $\underline{XX}$ * AD- ② BFFM-LR6A $\underline{XX}$ *	AD- ② AMMM-LL6A $\underline{XX}$ * AD- ② BMMM-LL7A $\underline{XX}$ *	AD- ② BMMA-LL7001

* $\underline{XX}$: Choose the cable length from 01~99m

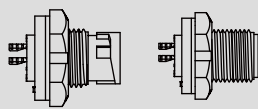
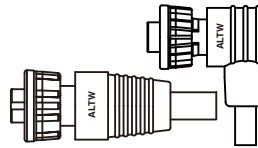
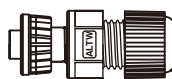
【Note】 Design and specification are subject to change without notice.

Mini Size: 7/16"-28 UNS

Receptacle and Mating Pair | Receptacle with Overmolded Cable and Mating Pair
Screw Thread & 2 Points Lock Bayonet

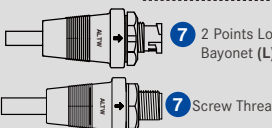
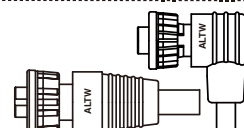
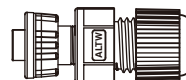
IP 66 ~ 68 9
Unmated or Mated

Mini Size: 7/16"-28 UNS > Receptacle and Mating Pair

• Male Connector (Housing) • Male Contacts • Screw Thread & 2 Points Lock Bayonet		Receptacle  7 2 Points Lock Bayonet (L) 6 Choose the PCB Type (P/R) or Solder Type (S) 8 Choose the backshell circular (C) or square flange (S). 10 Choose Plastic (001) or Metal Nut (002)	Overmolded with Cable  7 Choose 2 Points Lock Bayonet (L) or Screw Thread (S)	Field Installable  7 Choose 2 Points Lock Bayonet (L) or Screw Thread (S)
Current Rating (Code)	Contacts 2	Male Connector (M) Male Contacts (M)	Female Connector (F) Female Contacts (F)	Female Connector (F) Female Contacts (F)
2A (AU)	04,05,06	AU- 2 PMM 6 - 7 8 7001 AU- 2 RMMS - 7 C7001	AU- 2 AFFM- 7 L6AXX* AU- 2 BFFM- 7 L7AXX* AU- 2 BFFM- 7 R6AXX*	AU- 2 BFFA- 7 L7001
2A (ASU) *Metal	04,05,06	ASU- 2 PMMS- LS70010	AU- 2 AFFM-LL6AXX* AU- 2 BFFM-LL7AXX* AU- 2 BFFM-LR6AXX*	AU- 2 BFFA-LL7001
5A (AD)	02,03	AD- 2 PMM 6 - 7 8 7001 AD- 2 RMMS - 7 C70010	AD- 2 AFFM- 7 L6AXX* AD- 2 BFFM- 7 L7AXX* AD- 2 BFFM- 7 R6AXX*	AD- 2 BFFA- 7 L7001
5A (ASD) *Metal	02,03	ASD- 2 PMM 6 -LS70010	AD- 2 AFFM-LL6AXX* AD- 2 BFFM-LL7AXX* AD- 2 BFFM-LR6AXX*	AD- 2 BFFA-LL7001

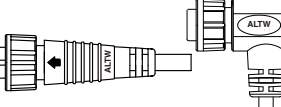
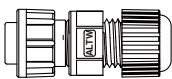
* XX: Choose the cable length from 01~99m

Mini Size: 7/16"-28 UNS > Receptacle with Overmolded Cable and Mating Pair

• Male Connector (Housing) • Male Contacts • Screw Thread & 2 Points Lock Bayonet		Receptacle  7 2 Points Lock Bayonet (L) 7 Screw Thread (S)	Overmolded with Cable  7 Choose 2 Points Lock Bayonet (L) or Screw Thread (S)	Field Installable  7 Choose 2 Points Lock Bayonet (L) or Screw Thread (S)
Current Rating (Code)	Contacts 2	Male Connector (M) Male Contacts (M)	Female Connector (F) Female Contacts (F)	Female Connector (F) Female Contacts (F)
2A (AU)	04,05,06	AU- 2 PMMM- 7 L7AXX*	AU- 2 AFFM- 7 L6AXX* AU- 2 BFFM- 7 L7AXX* AU- 2 BFFM- 7 R6AXX*	AU- 2 BFFA- 7 L7001
5A (AD)	02,03	AD- 2 PMMM- 7 L7AXX*	AD- 2 AFFM- 7 L6AXX* AD- 2 BFFM- 7 L7AXX* AD- 2 BFFM- 7 R6AXX*	AD- 2 BFFA- 7 L7001

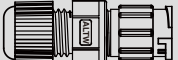
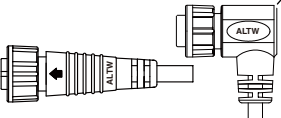
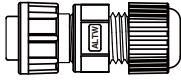
* XX: Choose the cable length from 01~99m

Standard Size: 5/8"-27 UNS > In-line

• Male Connector (Housing) • Male Contacts • 2 Points Lock Bayonet		Overmolded with Cable 	Overmolded with Cable 	Field Installable 
Current Rating (Code)	Contacts ②	Male Connector (M) Male Contacts (M)	Female Connector (F) Female Contacts (F)	Female Connector (F) Female Contacts (F)
2A (BU)	10, 12	BU- ② AMMM-LL6A $\underline{XX}$ * BU- ② BMMM-LL7A $\underline{XX}$ *	BU- ② AFFM-LL6A $\underline{XX}$ * BU- ② AFFM-LR7A $\underline{XX}$ * BU- ② BFFM-LL7A $\underline{XX}$ * BU- ② BFFM-LR6A $\underline{XX}$ *	BU- ② BFFA-LL7001
5A (BD)	02,03,04, 05,06,07,08	BD- ② AMMM-LL6A $\underline{XX}$ * BD- ② BMMM-LL7A $\underline{XX}$ *	BD- ② AFFM-LL6A $\underline{XX}$ * BD- ② AFFM-LR7A $\underline{XX}$ * BD- ② BFFM-LL7A $\underline{XX}$ * BD- ② BFFM-LR6A $\underline{XX}$ *	BD- ② BFFA-LL7001
10A (BB)	02,03,04	BB- ② AMMM-LL6A $\underline{XX}$ * BB- ② BMMM-LL7A $\underline{XX}$ *	BB- ② AFFM-LL6A $\underline{XX}$ * BB- ② AFFM-LR7A $\underline{XX}$ * BB- ② BFFM-LL7A $\underline{XX}$ * BB- ② BFFM-LR6A $\underline{XX}$ *	BB- ② BFFA-LL7001

* $\underline{XX}$: Choose the cable length from 01~99m

Standard Size: 5/8"-27 UNS > In-line

• Male Connector (Housing) • Male Contacts • 2 Points Lock Bayonet		Field Installable 	Overmolded with Cable 	Field Installable 
Current Rating (Code)	Contacts ②	Male Connector (M) Male Contacts (M)	Female Connector (F) Female Contacts (F)	Female Connector (F) Female Contacts (F)
2A (BU)	10, 12	BU- ② BMMA-LL7001	BU- ② AFFM-LL6A $\underline{XX}$ * BU- ② AFFM-LR7A $\underline{XX}$ * BU- ② BFFM-LL7A $\underline{XX}$ * BU- ② BFFM-LR6A $\underline{XX}$ *	BU- ② BFFA-LL7001
5A (BD)	02,03,04, 05,06,07,08	BD- ② BMMA-LL7001	BD- ② AFFM-LL6A $\underline{XX}$ * BD- ② AFFM-LR7A $\underline{XX}$ * BD- ② BFFM-LL7A $\underline{XX}$ * BD- ② BFFM-LR6A $\underline{XX}$ *	BD- ② BFFA-LL7001
10A (BB)	02,03,04	BB- ② BMMA-LL7001	BB- ② AFFM-LL6A $\underline{XX}$ * BB- ② AFFM-LR7A $\underline{XX}$ * BB- ② BFFM-LL7A $\underline{XX}$ * BB- ② BFFM-LR6A $\underline{XX}$ *	BB- ② BFFA-LL7001

【Note】 Design and specification are subject to change without notice.

* $\underline{XX}$: Choose the cable length from 01~99m

Standard Size: 5/8"-27 UNS > In-line

- Female Connector (Housing) - Female Contacts 2 Points Lock Bayonet		Overmolded with Cable	Overmolded with Cable	Field Installable
Current Rating (Code)	Contacts 2	Female Connector (F) Female Contacts (F)	Male Connector (M) Male Contacts (M)	Male Connector (M) Male Contacts (M)
2A (BU)	10,12	BU- 2 AFFM-LL6A $\underline{XX}$ * BU- 2 AFFM-LR7A $\underline{XX}$ * BU- 2 BFFM-LL7A $\underline{XX}$ * BU- 2 BFFM-LR6A $\underline{XX}$ *	BU- 2 AMMM-LL6A $\underline{XX}$ * BU- 2 BMMM-LL7A $\underline{XX}$ *	BU- 2 BMMA-LL7001
5A (BD)	02,03,04, 05,06,07,08	BD- 2 AFFM-LL6A $\underline{XX}$ * BD- 2 AFFM-LR7A $\underline{XX}$ * BD- 2 BFFM-LL7A $\underline{XX}$ * BD- 2 BFFM-LR6A $\underline{XX}$ *	BD- 2 AMMM-LL6A $\underline{XX}$ * BD- 2 BMMM-LL7A $\underline{XX}$ *	BD- 2 BMMA-LL7001
10A (BB)	02,03,04	BB- 2 AFFM-LL6A $\underline{XX}$ * BB- 2 AFFM-LR7A $\underline{XX}$ * BB- 2 BFFM-LL7A $\underline{XX}$ * BB- 2 BFFM-LR6A $\underline{XX}$ *	BB- 2 AMMM-LL6A $\underline{XX}$ * BB- 2 BMMM-LL7A $\underline{XX}$ *	BB- 2 BMMA-LL7001

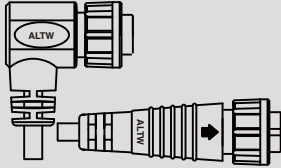
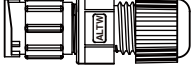
* XX: Choose the cable length from 01~99m

Standard Size: 5/8"-27 UNS > In-line

- Female Connector (Housing) - Female Contacts 2 Points Lock Bayonet		Field Installable	Overmolded with Cable	Field Installable
Current Rating (Code)	Contacts 2	Female Connector (F) Female Contacts (F)	Male Connector (M) Male Contacts (M)	Male Connector (M) Male Contacts (M)
2A (BU)	10,12	BU- 2 BFFA-LL7001	BU- 2 AMMM-LL6A $\underline{XX}$ * BU- 2 BMMM-LL7A $\underline{XX}$ *	BU- 2 BMMA-LL7001
5A (BD)	02,03,04, 05,06,07,08	BD- 2 BFFA-LL7001	BD- 2 AMMM-LL6A $\underline{XX}$ * BD- 2 BMMM-LL7A $\underline{XX}$ *	BD- 2 BMMA-LL7001
10A (BB)	02,03,04	BB- 2 BFFA-LL7001	BB- 2 AMMM-LL6A $\underline{XX}$ * BB- 2 BMMM-LL7A $\underline{XX}$ *	BB- 2 BMMA-LL7001

* XX: Choose the cable length from 01~99m

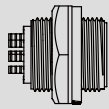
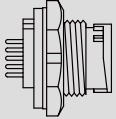
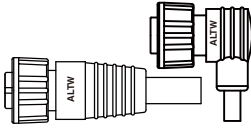
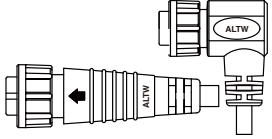
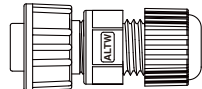
Standard Size: 5/8"-27 UNS > In-line

- Female Connector (Housing) - Male Contacts 2 Points Lock Bayonet		Overmolded with Cable →	Overmolded with Cable →	Field Installable
				
Current Rating (Code)	Contacts ②	Female Connector (F) Male Contacts (M)	Male Connector (M) Female Contacts (F)	Male Connector (M) Female Contacts (F)
5A (BD)	02,03,04, 05,06	BD-② AFMM-LL6A _{XX} * BD-② AFMM-LR7A _{XX} * BD-② BFMM-LL7A _{XX} * BD-② BFMM-LR6A _{XX} *	BD-② AMFM-LL6A _{XX} * BD-② BMFM-LL7A _{XX} *	BD-② BMFA-LL7001
10A (BB)	02,03	BB-② AFMM-LL6A _{XX} * BB-② AFMM-LR7A _{XX} * BB-② BFMM-LL7A _{XX} * BB-② BFMM-LR6A _{XX} *	BB-02AMFM-LL6A _{XX} * BB-02BMFM-LL7A _{XX} * BB-03AMFM-LL6A _{XX} * BB-03BMFM-LL7A _{XX} *	BB-02BMFA-LL7001 BB-03BMFA-LL7001
5A+2A (BDU)	08 (2+6)	BDU-08AFMM-LL6A _{XX} * BDU-08AFMM-LR7A _{XX} * BDU-08BFMM-LL7A _{XX} *	BDU-08AMFM-LL6A _{XX} * BDU-08BMFM-LL7A _{XX} *	BDU-08BMFA-LL7001
10A+5A (BBD)	06 (2+4)	BBD-② AFMM-LL6A _{XX} * BBD-② AFMM-LR7A _{XX} * BBD-② BFMM-LL7A _{XX} * BBD-② BFMM-LR6A _{XX} *	BBD-06AMFM-LL6A _{XX} * BBD-06BMFM-LL7A _{XX} *	BBD-06BMFA-LL7001

【Note】BDU-08AMFM-LL6A_{XX} and BDU-08BMFM-LL7A_{XX} are coming soon.

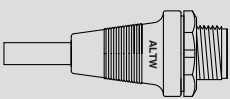
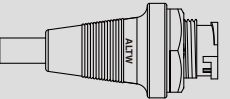
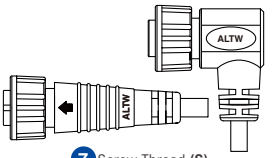
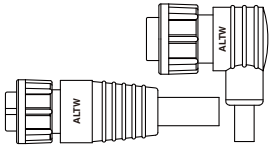
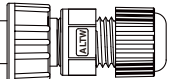
* XX: Choose the cable length from 01~99m

Standard Size: 5/8"-27 UNS > Receptacle and Mating Pair

• Male Connector (Housing) • Male Contacts • Screw Thread & 2 Points Lock Bayonet Receptacle  7 Screw Thread (S)  7 2 Points Lock Bayonet (L) 6 Choose the PCB Type (P/R) or Solder Type (S) Overmolded with Cable  7 Screw Thread (S)  7 2 Points Lock Bayonet (L) Field Installable  7 Choose 2 Points Lock Bayonet (L) or Screw Thread (S)				
Current Rating (Code)	Contacts 2	Male Connector (M) Male Contacts (M)	Female Connector (F) Female Contacts (F)	Female Connector (F) Female Contacts (F)
2A (BU)	10, 12	BU- 2 PMM 6 - 7 C7001 BU- 2 RMMS - 7 C7001	BU- 2 AFFM- 7 L6A _{XX} * BU- 2 AFFM- 7 R7A _{XX} * BU- 2 BFFM- 7 L7A _{XX} * BU- 2 BFFM-LR6A _{XX} *	BU- 2 BFFA- 7 L7001
2A (BSU) *Metal	10	BSU- 2 PMM 6 -SC7001 BSU- 2 RMMS-SC7001	BSU-10BFFM-SL7A _{XX} * BSU-10BFFM-SR6A _{XX} *	BSU-10BFFA-SL7001
5A (BD)	02,03,04, 05,06,07,08	BD- 2 PMM 6 - 7 C7001 BD- 2 RMMS - 7 C7001 BD- 2 RMM 6 -LC7001	BD- 2 AFFM- 7 L6A _{XX} * BD- 2 AFFM- 7 R7A _{XX} * BD- 2 BFFM- 7 L7A _{XX} * BD- 2 BFFM- 7 R6A _{XX} *	BD- 2 BFFA- 7 L7001
5A (BSD)	04,05,06, 07.08	BSD- 2 PMM 6 -SC7001 BSD- 06RMMS-SC7001 BSD- 08RMMS-SC7001	BSD- 2 BFFM-SL6A _{XX} * BSD- 2 BFFM-SR6A _{XX} *	-
10A (BB)	02,03,04	BB- 2 PMM 6 - 7 C7001 BB- 2 RMMS- 7 C7001 BB- 2 RMM 6 -LC7001	BB- 2 AFFM- 7 L6A _{XX} * BB- 2 AFFM- 7 R7A _{XX} * BB- 2 BFFM- 7 L7A _{XX} * BB- 2 BFFM- 7 R6A _{XX} *	BB- 2 BFFA- 7 L7001
10A (BSB) *Metal	04	BSB-04RMMS-SC7001	BSB-04BFFM-SL7A _{XX} *	-

* XX: Choose the cable length from 01~99m

Standard Size: 5/8"-27 UNS > Receptacle with Overmolded Cable and Mating Pair

• Male Connector (Housing) • Male Contacts • Screw Thread & 2 Points Lock Bayonet		Receptacle  7 Screw Thread (S)  7 2 Points Lock Bayonet (L)	Overmolded with Cable  7 Screw Thread (S)  7 2 Points Lock Bayonet (L)	Field Installable  7 Choose 2 Points Lock Bayonet (L) or Screw Thread (S)
Current Rating (Code)	Contacts 2	Male Connector (M) Male Contacts (M)	Female Connector (F) Female Contacts (F)	Female Connector (F) Female Contacts (F)
2A (BU)	10, 12	BU- 2 PMMM- 7 L7A _{XX} *	BU- 2 AFFM- 7 L6A _{XX} * BU- 2 AFFM- 7 R7A _{XX} * BU- 2 BFFM- 7 L7A _{XX} *	BU- 2 BFFA- 7 L7001
5A (BD)	02,03,04, 05,06,07,08	BD- 2 PMMM- 7 L7A _{XX} *	BD- 2 AFFM- 7 L6A _{XX} * BD- 2 AFFM- 7 R7A _{XX} * BD- 2 BFFM- 7 L7A _{XX} * BD- 2 BFFM- 7 R6A _{XX} *	BD- 2 BFFA- 7 L7001
10A (BB)	02,03,04	BB- 2 PMMM- 7 L7A _{XX} *	BB- 2 AFFM- 7 L6A _{XX} * BB- 2 AFFM- 7 R7A _{XX} * BB- 2 BFFM- 7 L7A _{XX} * BB- 2 BFFM- 7 R6A _{XX} *	BB- 2 BFFA- 7 L7001

* _{XX}: Choose the cable length from 01~99m

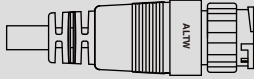
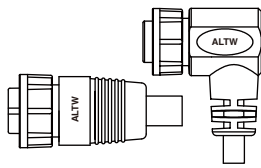
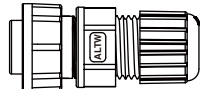
【Note】 Design and specification are subject to change without notice.

Standard Size: 5/8"-27 UNS > Receptacle and Mating Pair

• Male Connector (Housing) • Female Contacts • Screw Thread & 2 Points Lock Bayonet Receptacle Overmolded with Cable Field Installable				
7 Screw Thread (S) 6 Choose the PCB Type (P/R) or Solder Type (S) Front Fastened Rear Fastened 7 2 Points Lock Bayonet (L) 7 Screw Thread (S) 7 2 Points Lock Bayonet (L) 7 Choose 2 Points Lock Bayonet (L) or Screw Thread (S)				
Current Rating (Code)	Contacts 2	Male Connector (M) Female Contacts (F)	Female Connector (F) Male Contacts (M)	Female Connector (F) Male Contacts (M)
5A (BD)	02,03,04,05,06	BD- 2 PMF 6 - 7 C7001 BD- 2 RMFS- 7 C7001	BD- 2 AFMM- 7 L6AXX* BD- 2 AFMM- 7 R7AXX* BD- 2 BFMM- 7 L7AXX* BD- 2 BFMM- 7 R6AXX*	BD- 2 BFMA- 7 L7001
10A (BB)	02,03	BB- 2 PMF 6 - 7 C7001 BB- 2 RMFS- 7 C7001	BB- 2 AFMM- 7 L6AXX* BB- 2 AFMM- 7 R7AXX* BB- 2 BFMM- 7 L7AXX* BB- 2 BFMM- 7 R6AXX*	BB- 2 BFMA- 7 L7001
5A+2A (BDU)	08 (2+6)	BDU-08PMF 6 - 7 C7001 BDU-08RMFS- 7 C7001	BDU-08AFMM- 7 L6AXX* BDU-08AFMM- 7 R7AXX* BDU-08BFMM- 7 L7AXX*	BDU-08BFMA- 7 L7001
10A+5A (BBD)	06 (2+4)	BBD-06PMF 6 - 7 C7001 BBD-06RMFS- 7 C7001	BBD- 06AFMM- 7 L6AXX* BBD- 06AFMM- 7 R7AXX* BBD- 06BFMM- 7 L7AXX* BBD- 06BFMM- 7 R6AXX*	BBD-06BFMA- 7 L7001

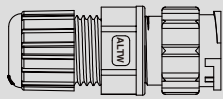
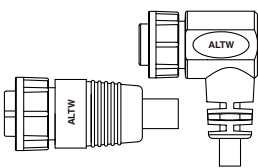
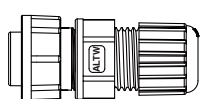
* XX: Choose the cable length from 01~99m

Middle Size: 13/16"-28 UNS > In-line

- Male Connector (Housing) - Male Contacts 2 Points Lock Bayonet		Overmolded with Cable -->	Overmolded with Cable -->	Field Installable
				
Current Rating (Code)	Contacts 2	Male Connector (M) Male Contacts (M)	Female Connector (F) Female Contacts (F)	Female Connector (F) Female Contacts (F)
5A (CD)	07,08,09, 10,12,14	CD- 2 AMMM-LL7A XX * CD- 2 BMMM-LL6A XX *	CD- 2 AFFM-LL7A XX * CD- 2 BFFM-LL6A XX * CD- 2 AFFM-LR7A XX *	CD- 2 BFFA-LL7001

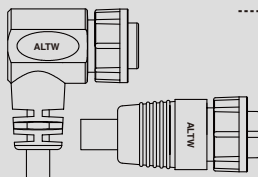
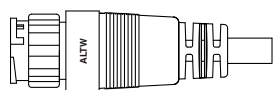
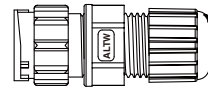
* ~~XX~~: Choose the cable length from 01~99m

Middle Size: 13/16"-28 UNS > In-line

- Male Connector (Housing) - Male Contacts 2 Points Lock Bayonet		Field Installable -->	Overmolded with Cable -->	Field Installable
				
Current Rating (Code)	Contacts 2	Male Connector (M) Male Contacts (M)	Female Connector (F) Female Contacts (F)	Female Connector (F) Female Contacts (F)
5A (CD)	07,08,09, 10,12,14	CD- 2 BMMA-LL7001	CD- 2 AFFM-LL7A XX * CD- 2 AFFM-LR7A XX * CD- 2 BFFM-LL6A XX *	CD- 2 BFFA-LL7001

* ~~XX~~: Choose the cable length from 01~99m

Middle Size: 13/16"-28 UNS > In-line

- Female Connector (Housing) - Female Contacts 2 Points Lock Bayonet		Overmolded with Cable -->	Overmolded with Cable -->	Field Installable
				
Current Rating (Code)	Contacts 2	Female Connector (F) Female Contacts (F)	Male Connector (M) Male Contacts (M)	Male Connector (M) Male Contacts (M)
5A (CD)	07,08,09, 10,12,14	CD- 2 AFFM-LL7A XX * CD- 2 AFFM-LR7A XX * CD- 2 BFFM-LL6A XX *	CD- 2 AMMM-LL7A XX * CD- 2 BMMM-LL6A XX *	CD- 2 BMMA-LL7001

* ~~XX~~: Choose the cable length from 01~99m

[Note] Design and specification are subject to change without notice.

Middle Size: 13/16"-28 UNS > In-line

• Female Connector (Housing) • Female Contacts • 2 Points Lock Bayonet		Field Installable	Overmolded with Cable	Field Installable
Current Rating (Code)	Contacts 2	Female Connector (F) Female Contacts (F)	Male Connector (M) Male Contacts (M)	Male Connector (M) Male Contacts (M)
5A (CD)	07,08,09, 10,12,14	CD- 2 BFFA-LL7001	CD- 2 AMMM-LL7A ^{XX} * CD- 2 BMMM-LL6A ^{XX} *	CD- 2 BMMA-LL7001

* XX: Choose the cable length from 01~99m

Middle Size: 13/16"-28 UNS > In Line

• Male Connector (Housing) • Female Contacts • 2 Points Lock Bayonet		Overmolded with Cable	Overmolded with Cable	Field Installable
Current Rating (Code)	Contacts 2	Male Connector (M) Female Contacts (F)	Female Connector (F) Male Contacts (M)	Female Connector (F) Male Contacts (M)
5A (CD)	07,08,09	CD- 2 AMFM-LL7A ^{XX} * CD- 2 BMFM-LL6A ^{XX} *	CD- 2 AFMM-LL7A ^{XX} * CD- 2 BFMM-LL6A ^{XX} *	CD- 2 BFMA-LL7001

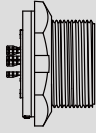
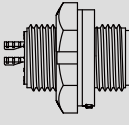
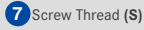
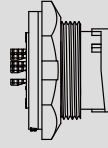
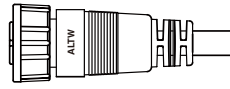
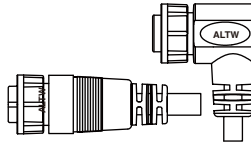
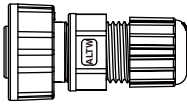
* XX: Choose the cable length from 01~99m

Middle Size: 13/16"-28 UNS > In Line

• Female Connector (Housing) • Male Contacts • 2 Points Lock Bayonet		Overmolded with Cable	Overmolded with Cable	Field Installable
Current Rating (Code)	Contacts 2	Female Connector (F) Male Contacts (M)	Male Connector (M) Female Contacts (F)	Male Connector (M) Female Contacts (F)
5A (CD)	07,08,09	CD- 2 AFMM-LL7A ^{XX} * CD- 2 BFMM-LL6A ^{XX} *	CD- 2 AMFM-LL7A ^{XX} * CD- 2 BMFM-LL6A ^{XX} *	CD- 2 BMFA-LL7001

* XX: Choose the cable length from 01~99m

Middle Size: 13/16"-28 UNS > Receptacle and Mating Pair

• Male Connector (Housing) • Male Contacts • Screw Thread & 2 Points Lock Bayonet Receptacle     Overmolded with Cable   Field Installable  6 Choose PCB (P/R) or Solder Type (S) 7 Screw Thread (S) 7 2 Points Lock Bayonet (L) 7 Choose 2 Points Lock Bayonet (L) or Screw Thread (S) ** Select cable length from 01~99m				
Current Rating (Code)	Contacts ②	Male Connector (M) Male Contacts (M)	Female Connector (F) Female Contacts (F)	Female Connector (F) Female Contacts (F)
2A (CU)	18	CU-18PMMP-⑦C7001 CU-18PMMP-SC7002	CU-18AFFM-⑦L7AXX* CU-18BFFM-⑦L6AXX*	CU-18BFFA-⑦L7001
5A (CD)	07,08,09, 10,12,14	CD-②PMM⑥-⑦C7001 CD-②RMMS-⑦C7001	CD-②AFFM-⑦L7AXX* CD-②BFFM-⑦L6AXX* CD-②AFFM-LR7AXX*	CD-②BFFA-⑦L7001
10A (CB)	04,05,06	CB-②PMM⑥-⑦C7001 CB-②RMMS-⑦C7001	CB-②AFFM-⑦L7AXX* CB-②BFFM-⑦L6AXX*	CB-②BFFA-⑦L7001
10A+5A (CBD)	08 (2+6)	CBD-08PMM⑥-⑦C7001	CBD-08AFFM-⑦L7AXX* CBD-08BFFM-⑦L6AXX*	CBD-08BFFA-⑦L7001
20A (CC)	03	CC-03PMM⑥-⑦C7001 CC-03RMMS-⑦C7001	CC-03AFFM-⑦L7AXX* CC-03BFFM-⑦L6AXX*	CC-03BFFA-⑦L7001

* XX: Choose the cable length from 01~99m

【Note】 Design and specification are subject to change without notice.

Middle Size: 13/16"-28 UNS

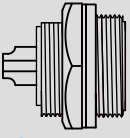
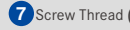
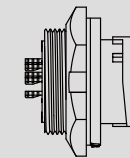
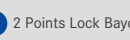
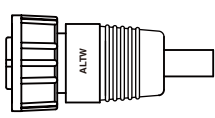
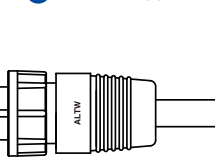
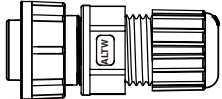
Receptacle with Overmolded Cable and Mating Pair
Screw Thread & 2 Points Lock Bayonet

IP 66 ~ 68 9
Unmated or Mated

Middle Size: 13/16"-28 UNS > Receptacle with Overmolded Cable and Mating Pair

• Male Connector (Housing) • Male Contacts • Screw Thread & 2 Points Lock Bayonet		Receptacle Overmolded with Cable Field Installable		
Current Rating (Code)	Contacts 2	Male Connector (M) Male Contacts (M)	Female Connector (F) Female Contacts (F)	Female Connector (F) Female Contacts (F)
5A (CD)	07,08,09,10,12,14	CD- 2 PMMM- 7 L7A XX *	CD- 2 AFFM- 7 L7A XX * CD- 2 BFFM- 7 L6A XX * CD- 2 AFFM-LR7A XX *	CD- 2 BFFA- 7 L7001
10A (CB)	04,05,06	CB- 2 PMMM- 7 L7A XX *	CB- 2 AFFM- 7 L7A XX * CB- 2 BFFM- 7 L6A XX *	CB- 2 BFFA- 7 L7001
20A (CC)	03	CC-03PMMM-SL7A XX *	CC-03AFFM-SL7A XX * CC-03BFFM-SL6A XX *	CC-03BFFA-SL7001

* ~~XX~~: Choose the cable length from 01~99m

• Male Connector (Housing) • Female Contacts • Screw Thread & 2 Points Lock Bayonet		Receptacle   7 Screw Thread (S)  7 2 Points Lock Bayonet (L)  6 Choose PCB (P/R) or Solder Type (S)	Overmolded with Cable   7 Screw Thread (S)  7 2 Points Lock Bayonet (L)	Field Installable   7 Choose 2 Points Lock Bayonet (L) or Screw Thread (S)
Current Rating (Code)	Contacts 2	Male Connector (M) Female Contacts (F)	Female Connector (F) Male Contacts (M)	Female Connector (F) Male Contacts (M)
5A (CD)	07,08,09	CD- 2 PMF 6 - 7 C7001 CD- 2 RMFS- 7 C7001	CD- 2 AFMM- 7 L7A XX * CD- 2 BFMM- 7 L6A XX *	CD- 2 BFMA- 7 L7001
5A+2A (CDU)	12 (2+10) 14 (2+12)	CDU- 2 PMF 6 - 7 C7001	CDU- 2 AFMM- 7 L7A XX * CDU- 2 BFMM- 7 L6A XX * CDU- 2 BFMM- 7 L7A XX *	CDU- 2 BFMA- 7 L7001
10A (CB)	04,05	CB- 2 PMF 6 - 7 C7001 CB- 2 RMFS- 7 C7001	CB- 2 AFMM- 7 L7A XX * CB- 2 BFMM- 7 L6A XX *	CB- 2 BFMA- 7 L7001
10A+5A (CBD)	08 (2+6)	CBD-08PMF 6 - 7 C7001	CBD-08AFMM- 7 L7A XX * CBD-08BFMM- 7 L6A XX *	CBD-08BFMA- 7 L7001
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* XX: Choose the cable length from 01~99m

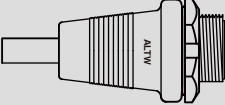
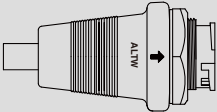
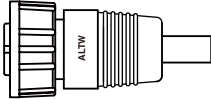
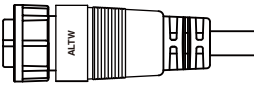
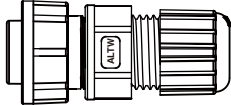
【Note】 Design and specification are subject to change without notice.

Middle Size: 13/16"-28 UNS

Receptacle with Overmolded Cable and Mating Pair
Screw Thread & 2 Points Lock Bayonet

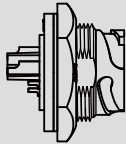
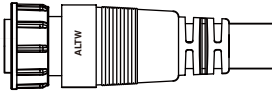
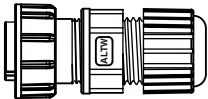
IP 66 ~ 68 9
Unmated or Mated

Middle Size: 13/16"-28 UNS > Receptacle with Overmolded Cable and Mating Pair

• Male Connector (Housing) • Female Contacts • Screw Thread & 2 Points Lock Bayonet		Receptacle	Overmolded with Cable	Field Installable
		 7 Screw Thread (S)  7 2 Points Lock Bayonet (L)	 7 Screw Thread (S)  7 2 Points Lock Bayonet (L)	 7 Choose 2 Points Lock Bayonet (L) or Screw Thread (S)
Current Rating (Code)	Contacts 2	Male Connector (M) Female Contacts (F)	Female Connector (F) Male Contacts (M)	Female Connector (F) Male Contacts (M)
5A (CD)	07,08,09	CD- 2 PMFM- 7 L7A XX *	CD- 2 AFMM- 7 L7A XX * CD- 2 BFMM- 7 L6A XX *	CD- 2 BFMA- 7 L7001
10A (CB)	04,05	CB- 2 PMFM- 7 L7A XX *	CB- 2 AFMM- 7 L7A XX * CB- 2 BFMM- 7 L6A XX *	CB- 2 BFMA- 7 L7001

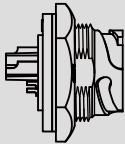
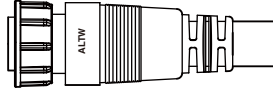
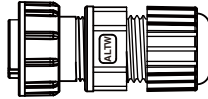
* XX: Choose the cable length from 01~99m

Middle Size: 13/16"-28 UNS > Receptacle and Mating Pair

• Male Connector (Housing) • Female Power+Male Signal • 3 Points Lock Bayonet		Receptacle 	Overmolded with Cable 	Field Installable 
Current Rating (Code)	Contacts	Male Connector (M) Female Power+Male Signal (D)	Female Connector (F) Male Power+Female Signal (E)	Female Connector (F) Male Power+Female Signal (E)
10A+2A (CBU)	(3+5)	CBU-08PMDS-TC7001	CBU-08AFEM-TL7A XX *	CBU-08BFEA-TL7001

* ~~XX~~: Choose the cable length from 01~99m

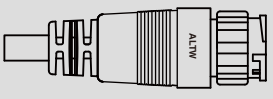
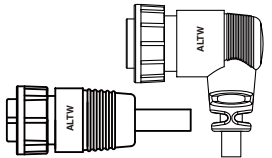
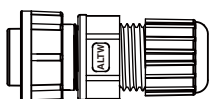
Middle Size: 13/16"-28 UNS > Receptacle and Mating Pair

• Male Connector (Housing) • Male Power+Female Signal • 3 Points Lock Bayonet		Receptacle 	Overmolded with Cable 	Field Installable 
Current Rating (Code)	Contacts	Male Connector (M) Male Power+Female Signal (E)	Female Connector (F) Female Power+Male Signal (D)	Female Connector (F) Female Power+Male Signal (D)
10A+2A (CBU)	(3+5)	CBU-08PMES-TC7001	CBU-08AFDM-TL7A XX *	CBU-08BFDA-TL7001

* ~~XX~~: Choose the cable length from 01~99m

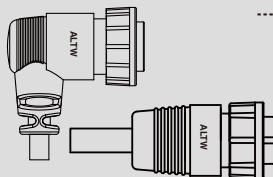
【Note】 Design and specification are subject to change without notice.

Large Size: 1"-20 UNEF > In-line

- Male Connector (Housing) - Male Contacts 2 Points Lock Bayonet		Overmolded with Cable	Overmolded with Cable	Field Installable
				
Current Rating (Code)	Contacts	Male Connector (M) Male Contacts (M)	Female Connector (F) Female Contacts (F)	Female Connector (F) Female Contacts (F)
5A (DD)	18	DD-18AMMM-LL7A ^{XX} * DD-18BMMM-LL6A ^{XX} *	DD-18AFFM-LL7A ^{XX} * DD-18AFFM-LR7A ^{XX} * DD-18BFFM-LL6A ^{XX} *	DD-18BFFA-LL7001

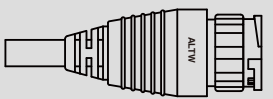
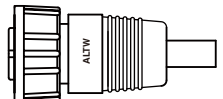
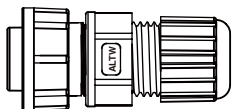
* XX: Choose the cable length from 01~99m

Large Size: 1"-20 UNEF > In-line

- Female Connector (Housing) - Female Contacts 2 Points Lock Bayonet		Overmolded with Cable	Overmolded with Cable	Field Installable
				
Current Rating (Code)	Contacts	Female Connector (F) Female Contacts (F)	Male Connector (M) Male Contacts (M)	Male Connector (M) Male Contacts (M)
5A (DD)	18	DD-18AFFM-LL7A ^{XX} * DD-18AFFM-LR7A ^{XX} * DD-18BFFM-LL6A ^{XX} *	DD-18AMMM-LL7A ^{XX} * DD-18BMMM-LL6A ^{XX} *	DD-18BMMA-LL7001

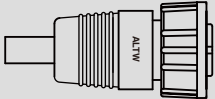
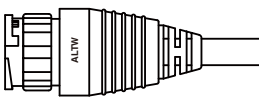
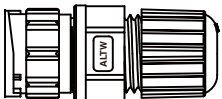
* XX: Choose the cable length from 01~99m

Large Size: 1"-20 UNEF > In-line

- Male Connector (Housing) - Female Contacts 2 Points Lock Bayonet		Overmolded with Cable	Overmolded with Cable	Field Installable
				
Current Rating (Code)	Contacts	Male Connector (M) Female Contacts (F)	Female Connector (F) Male Contacts (M)	Female Connector (F) Male Contacts (M)
5A (DD)	18	DD-18AMFM-LL7A ^{XX} * DD-18BMFM-LL6A ^{XX} *	DD-18AFMM-LL7A ^{XX} * DD-18BFMM-LL6A ^{XX} *	DD-18BFMA-LL7001

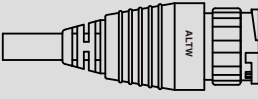
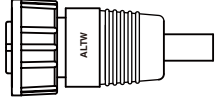
* XX: Choose the cable length from 01~99m

Large Size: 1"-20 UNEF > In-line

• Female Connector (Housing) • Male Contacts • 2 Points Lock Bayonet		Overmolded with Cable	Overmolded with Cable	Field Installable
				
Current Rating (Code)	Contacts	Female Connector (F) Male Contacts (M)	Male Connector (M) Female Contacts (F)	Male Connector (M) Female Contacts (F)
5A (DD)	18	DD-18AFMM-LL7A _{XX} * DD-18BFMM-LL6A _{XX} *	DD-18AMFM-LL7A _{XX} * DD-18BMFM-LL6A _{XX} *	DD-18BMFA-LL7001

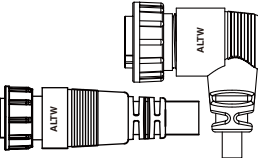
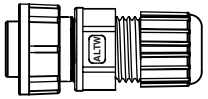
* XX: Choose the cable length from 01~99m

Large Size: 1"-20 UNEF > In-line

• Male Connector (Housing) • Female Power+Male Signal • 2 Points Lock Bayonet		Overmolded with Cable	Overmolded with Cable	Field Installable
				
Current Rating (Code)	Contacts	Male Connector (M) Female Power+Male Signal (D)	Female Connector (F) Male Power+Female Signal (E)	Female Connector (F) Male Power+Female Signal (E)
20A+2A (DCU)	(3+5)	DCU-08AMDMD-LL7B _{XX} *	DCU-08AFEM-LL7B _{XX} *	DCU-08BFEM-LL7001
20A+5A (DCD)	(3+9)	DCD-12AMDMD-LL7A _{XX} *	DCD-12AFEM-LL7A _{XX} * DCD-12AFEM-LR7A _{XX} *	DCD-12BFEM-LL7001

* XX: Choose the cable length from 01~99m

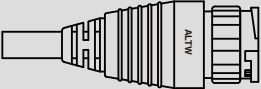
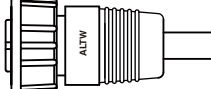
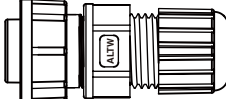
Large Size: 1"-20 UNEF > In-line

• Male Connector (Housing) • Female Power+Male Signal • 2 Points Lock Bayonet		Field Installable	Overmolded with Cable	Field Installable
				
Current Rating (Code)	Contacts	Male Connector (M) Female Power+Male Signal (D)	Female Connector (F) Male Power+Female Signal (E)	Female Connector (F) Male Power+Female Signal (E)
20A+2A (DCU)	(3+5)	DCU-08BMDA-LL7001	DCU-08AFEM-LL7B _{XX} *	DCU-08BFEM-LL7001
20A+5A (DCD)	(3+9)	DCD-12BMDA-LL7001	DCD-12AFEM-LL7A _{XX} * DCD-12AFEM-LR7A _{XX} *	DCD-12BFEM-LL7001

* XX: Choose the cable length from 01~99m

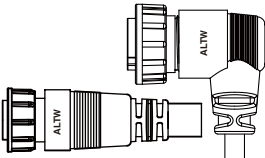
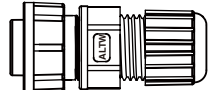
【Note】 Design and specification are subject to change without notice.

Large Size: 1"-20 UNEF > In-line

		Overmolded with Cable	Overmolded with Cable	Field Installable
- Male Connector (Housing) - Male Power+Female Signal 2 Points Lock Bayonet				
Current Rating (Code)	Contacts	Male Connector (M) Male Power+Female Signal(E)	Female Connector (F) Female Power+Male Signal(D)	Female Connector (F) Female Power+Male Signal(D)
20A+2A (DCU)	(3+5)	DCU-08AMEM-LL7BXX*	DCU-08AFDM-LL7BXX*	DCU-08BFDA-LL7001
20A+5A (DCD)	(3+9)	DCD-12AMEM-LL7AXX*	DCD-12AFDM-LL7AXX* DCD-12AFDM-LR7AXX*	DCD-12BFDA-LL7001

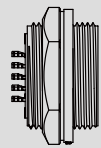
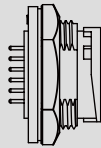
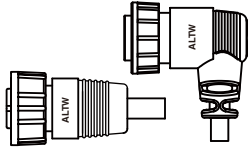
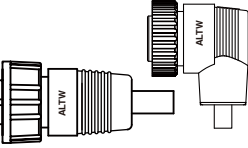
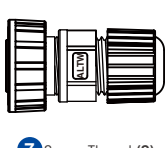
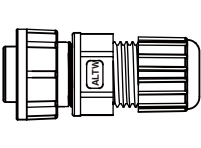
* XX: Choose the cable length from 01~99m

Large Size: 1"-20 UNEF > In-line

		Field Installable	Overmolded with Cable	Field Installable
- Male Connector (Housing) - Male Power+Female Signal 2 Points Lock Bayonet				
Current Rating (Code)	Contacts	Male Connector (M) Male Power+Female Signal (E)	Female Connector (F) Female Power+Male Signal (D)	Female Connector (F) Female Power+Male Signal (D)
20A+2A (DCU)	(3+5)	DCU-08BMEA-LL7001	DCU-08AFDM-LL7BXX*	DCU-08BFDA-LL7001
20A+5A (DCD)	(3+9)	DCD-12BMEA-LL7001	DCD-12AFDM-LL7AXX* DCD-12AFDM-LR7AXX*	DCD-12BFDA-LL7001

* XX: Choose the cable length from 01~99m

Large Size: 1"-20 UNEF > Receptacle and Mating Pair

• Male Connector (Housing) • Male Contacts • Screw Thread & 2 Points Lock Bayonet		Receptacle  7 Screw Thread (S)  7 2 Points Lock Bayonet (L) 6 Choose PCB (P/R) or Solder Type (S)	Overmolded with Cable  7 Screw Thread (S)  7 2 Points Lock Bayonet (L)	Field Installable  7 Screw Thread (S)  7 2 Points Lock Bayonet (L)
Current Rating (Code)	Contacts 2	Male Connector (M) Male Contacts (M)	Female Connector (F) Female Contacts (F)	Female Connector (F) Female Contacts (F)
2A (DU)	20,21,22**	DU- 2 PMM 6 - 7 C7001	DU- 2 AFFM- 7 L7A XX * DU- 2 BFFM- 7 L6A XX *	DU- 2 BFFA-SL7001
5A (DD)	18	DD-18PMM 6 - 7 C7001 DD-18RMMS- 7 C7001	DD-18AFFM- 7 L7A XX * DD-18AFFM- 7 R7A XX * DD-18BFFM- 7 L6A XX *	DD-18BFFA- 7 L7001
20A (DC)	02,03,04, 05,06,07	DC- 2 PMM 6 - 7 C7001 DC- 2 PMM 6 - 7 S7001 DC- 2 RMMS- 7 C7001	DC- 2 AFFM- 7 L7A XX * DC- 2 BFFM- 7 L6A XX *	DC- 2 BFFA- 7 L7001 DC-02BFFB- 7 L7001

* XX: Choose the cable length from 01~99m

** The specification of 22 contacts is upon request.

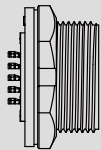
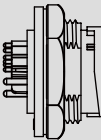
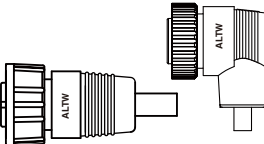
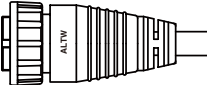
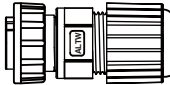
Large Size: 1"-20 UNEF

Receptacle and Mating Pair

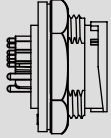
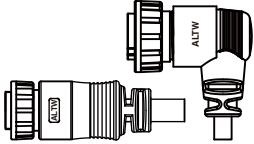
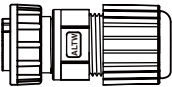
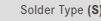
Screw Thread & 2 Points Lock Bayonet

IP 66 ~ 68 **9**
Unmated or Mated

Large Size: 1"-20 UNEF > Receptacle and Mating Pair

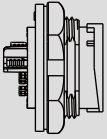
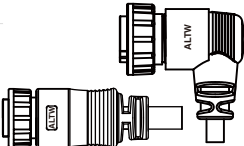
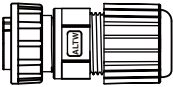
•Male Connector (Housing) •Female Contacts •Screw Thread & 2 Points Lock Bayonet		Receptacle  7 Screw Thread (S)  7 2 Points Lock Bayonet (L) 6 Choose PCB (P/R) or Solder Type (S)	Overmolded with Cable  7 Screw Thread (S)  7 2 Points Lock Bayonet (L)	Field Installable  7 Screw Thread (S)  7 2 Points Lock Bayonet (L)
Current Rating (Code)	Contacts 2	Male Connector (M) Female Contacts (F)	Female Connector (F) Male Contacts (M)	Female Connector (F) Male Contacts (M)
5A (DD)	18	DD-18PMF 6 - 7 C7001 DD-18PMF 6 - 7 S7001 DD-18RMFS - 7 C7001	DD-18AFMM- 7 L7AXX* DD-18BFMM- 7 L6AXX*	DD-18BFMA- 7 L7001
5A (DSD) *Metal	18	DSD-18PMF 6 - SS8001 DSD-18PMF 6 - SS8002	DSD-18BFMM-SL6AXX* DSD-18BFMM-SR6AXX*	-
20A (DC)	02,03	DC- 2 PMFP- 7 C7001	DC- 2 AFMM- 7 L7AXX* DC- 2 BFMM- 7 L6AXX*	DC- 2 BFMB- 7 L7001

Large Size: 1"-20UNEF > Receptacle and Mating Pair

• Male Connector (Housing) • Female Power+Male Signal • 2 Points Lock Bayonet		Receptacle 	Overmolded with Cable 	Field Installable 
		 PCB (P/R) Type  Solder Type (S)		
		6 Choose PCB (P/R) or Solder Type (S)		
Current Rating (Code)	Contacts	Male Connector (M) Female Power+Male Signal (D)	Female Connector (F) Male Power+Female Signal (E)	Female Connector (F) Male Power+Female Signal (E)
20A+2A (DCU)	(3+5)	DCU-08PMDS-LC7001	DCU-08AFEM-LL7BXX*	DCU-08BFEM-LL7001
20A+5A (DCD)	(3+9)	DCD-12PMD 6 -LC7001	DCD-12AFEM-LL7AXX* DCD-12AFEM-LR7AXX*	DCD-12BFEM-LL7001

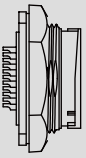
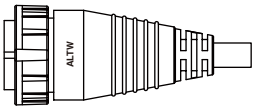
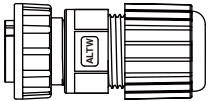
* XX: Choose the cable length from 01~99m

Large Size: 1"-20 UNEF > Receptacle and Mating Pair

• Male Connector (Housing) • Male Power+Female Signal • 2 Points Lock Bayonet		Receptacle 	Overmolded with Cable 	Field Installable 
Current Rating (Code)	Contacts	Male Connector (M) Male Power+Female Signal (E)	Female Connector (F) Female Power+Male Signal (D)	Female Connector (F) Female Power+Male Signal (D)
20A+2A (DCU)	(3+5)	DCU-08PMES-LC7001	DCU-08AFDM-LL7BXX*	DCU-08BFDA-LL7001
20A+5A (DCD)	(3+9)	DCD-12PMES-LC7001	DCD-12AFDM-LL7AXX* DCD-12AFDM-LR7AXX*	DCD-12BFDA-LL7001

* XX: Choose the cable length from 01~99m

Macro Size: 1 3/16"-20 UNS > Receptacle and Mating pair

• Male Connector (Housing) • Female Contacts • 2 Points Lock Bayonet		Receptacle 	Overmolded with Cable 	Field Installable 
		6 Choose PCB (P) or Solder Type (S)		
Current Rating (Code)	Contacts	Male Connector (M) Female Contacts (F)	Female Connector (F) Male Contacts (M)	Female Connector (F) Male Contacts (M)
5A (ED)	31	ED-31PMF 6 -LS7001	ED-31AFMM-LL7AXX*	-

* XX: Choose the cable length from 01~99m

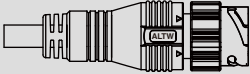
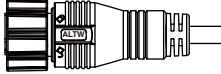
【Note】 Design and specification are subject to change without notice.

Other Size

In-line
2 & 3 Points Lock Bayonet

IP 66 ~ 68 9
Unmated or Mated

Other Size > In-line

•Male Connector (Housing) •Female Power+Male Signal •3 Points Lock Bayonet		Receptacle 	Overmolded with Cable 	Field Installable
Current Rating (Code)	Contacts	Male Connector (M) Male Contacts (M)	Female Connector (F) Female Contacts (F)	Female Connector (F) Female Contacts (F)
5A (GBD)	08	GBD-08AMMM-TL8AXX* GBD-08BMMM-TL7AXX*	GBD-08AFFM-TL8AXX* GBD-08BFFM-TL7AXX*	-

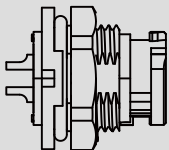
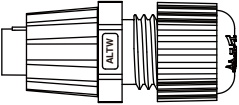
* XX: Choose the cable length from 01~99m

Other Size > In-line

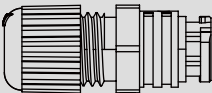
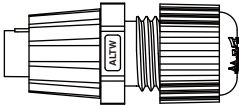
•Male Connector (Housing) •Female Power+Male Signal •2 Points Lock Bayonet		Receptacle 	Overmolded with Cable 	Field Installable
Current Rating (Code)	Contacts	Male Connector (M) Female Contacts (F)	Female Connector (F) Male Contacts (M)	Female Connector (F) Male Contacts (M)
10A (MAB)	04	MAB-04AMFM-LL7AXX* MAB-04BMFM-LL6AXX*	MAB-04AFMM-LL7AXX* MAB-04BFMM-LL6AXX*	-

* XX: Choose the cable length from 01~99m

Other Size > Receptacle and Mating Pair

• Male Connector (Housing) • Female Contacts • Push Lock		Receptacle 	Field Installable 	Field Installable
Current Rating (Code)	Contacts ②	Male Connector (M) Female Contacts (F)	Female Connector (F) Male Contacts (M)	Female Connector (F) Male Contacts (M)
5A (PLD)	02,03,04	PLD-② PMFS-QC7001	PLD-② BFMA-QL7001	-

Other Size > In-line

• Male Connector (Housing) • Female Contacts • Push Lock		Field Installable 	Field Installable 	Field Installable
Current Rating (Code)	Contacts ②	Male Connector (M) Female Contacts (F)	Female Connector (F) Male Contacts (M)	Female Connector (F) Male Contacts (M)
5A (PLD)	02,03,04	PLD-② BMFA-QL7001	PLD-② BFMA-QL7001	-

【Note】 Design and specification are subject to change without notice.

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