



CATALOGUE

X-Lok Connector

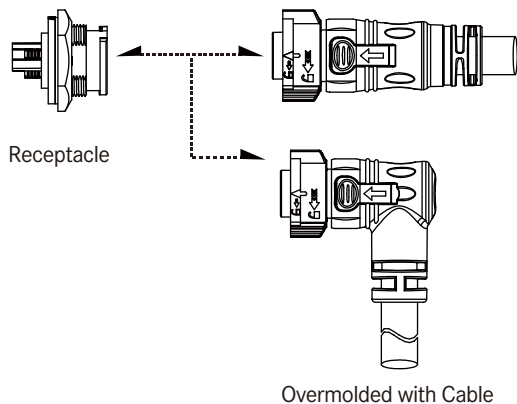




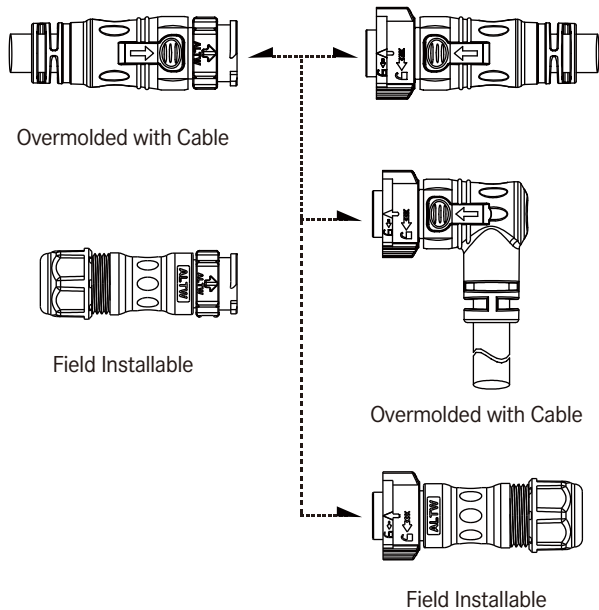
【Note】 Design and specification are subject to change without notice.

Range Overview

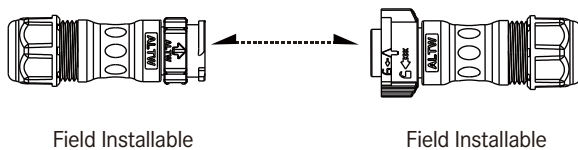
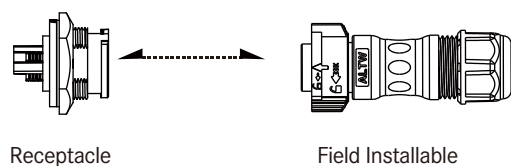
Receptacle to Overmolded with Cable



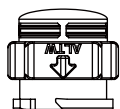
In-Line



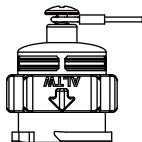
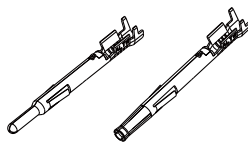
Receptacle to Field Installable



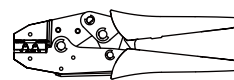
Accessories



Waterproof Cap

Waterproof Cap with
Fishe Line / Rubber Lead

Contact



Crimp Tool

Specification

Identifications	Power Group (B,C,D size) Data Group (B,C,D size) Hybrid Group (B,C,D size)
Mating Style	Push Lock
Description	Receptacle Overmolded with Cable Field Installable
Current Rating / Data	B size (5A, 10A, 10A+5A) C size (5A, 10A, 20A, 10A+5A) D size (5A, 20A, 20A+5A)
Material	Contacts: Copper Alloy, Gold Plated Connector Body (Housing) : Nylon+GF, UL Recognized Gasket & O-ring: Rubber, UL Recognized
Waterproof Rating	IP68
Temperature Range	Receptacle: -40°C~105°C Overmolded With Cable: • Data Group: -20°C~80°C • Power Group: -20°C~105°C • Hybrid Group: -40°C~105°C Field Installable: -40°C~105°C
Contact Resistance	≤10mΩ
Insulation Resistance	≥100MΩ at DC500V
Durability	1000 cycles
Dielectric Withstand Voltage	1,000V plus 2 times the rated voltage / 1 minute
More to know	Standard Cable Length: 01~99M

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

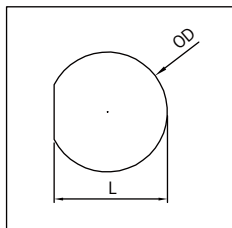
Ordering Information

Specification / Current Rating			1	2	3	4	5	6	7	8	9	10
<u>≥ Standard Size</u>	<u>≥ Middle Size</u>	<u>≥ Large Size</u>										
(BD) 5A	(CD) 5A	(DD) 5A										
(BB) 10A	(CB) 10A	(DC) 20A										
(BBD) 10A+5A	(CC) 20A	(DCC) 20A+5A										
	(CBD) 10A+5A											
Number of Contacts												
02, 03....												
e.g. (02) = 2 Contacts												
Connector Body (Style)												
<u>≥ For Receptacle</u>	<u>≥ For Overmolded with Cable</u>	<u>≥ For Field Installable</u>										
(P) Front Fastened	(A) With Strain Relief	(B) With Strain Relief										
(R) Rear Fastened												
Connector (Housing) Gender												
(M) Male Connector												
(F) Female Connector												
Contact Gender												
(M) Male												
(F) Female												
Assemble Style												
<u>≥ For Receptacle</u>	<u>≥ For Overmolded with Cable</u>	<u>≥ For Field Installable</u>										
(S) Solder Type	(M) Overmolded with Cable	(A) Crimp Type										
(B) Screw in Type												
Mating Style												
(Q) Push Lock												
Backshell												
<u>≥ For Receptacle</u>	<u>≥ For Overmolded with Cable</u>											
(C) Circular	(L) Straight											
(S) Square	(R) Right Angle											
Waterproof Rating												
(8) IP68												
More Information												
<u>≥ For Receptacle</u>	<u>≥ For Overmolded with Cable</u>	<u>≥ For Field Installable</u>										
(001), (002)	(□)+(■) : Cable Type + Cable Length	(□)+(■)+(○) : Seal Size + Package Options + Application										
For Data Group & Different Versions	e.g. (A01) = UL2464 Cable + 1M	e.g. (SN0) = Seal S + Connector without Contact + for Data Group										
(00P) For Power Group	<u>(□) : Cable Type</u> (A) UL2464 Cable - Upon request (D) UL21388 Cable - Data Group (E) UL SJTW Cable - Power Group (F) UL21996 Cable - Hybrid Group	<u>(■) : Cable Length</u> From 1M to 99M e.g. (01) = 1M										
		<u>(□) : Seal Type</u> B Size: (S) 5.0~6.0mm (M) 6.0~8.0mm (L) 8.0~10.0mm C Size: (S) 6.0~8.0mm (M) 8.0~10.0mm (L) 10.0~12.0mm D Size: (S) 8.0~10.0mm (M) 10.0~12.0mm (L) 12.0~14.0mm										
		<u>(■) : Package Options</u> (N) Connector without Contact* (P) Connector with Contacts * Contacts are available to be sold in bulk individually. For further information, please refer to page 20-22.										
		<u>(○) : Application</u> (O) For Data Group (P) For Power Group										

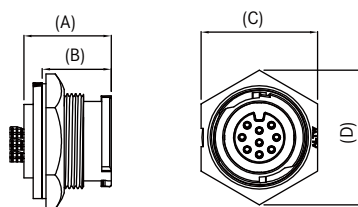
Physical Dimension | Data Group

Receptacle

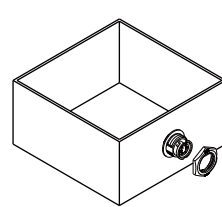
Panel Cut-out



Front Fastened



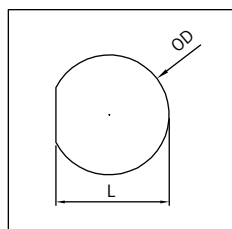
How to Install



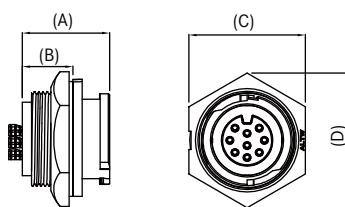
Size	Current Rating (Code)	L	OD	A	B	C	D	Pannel Thickness Max.
B	5A (BD)	14.8	15.6	18.8	14.0	20.6	23.7	4
	10A (BB)							
C	5A (CD)	19.4	20.8	19.0	15.0	25.4	29.3	4.2
	10A (CB)							
D	5A (DD)	23.6	25.6	18.0	14.9	28.6	33.0	3.6

Unit: mm

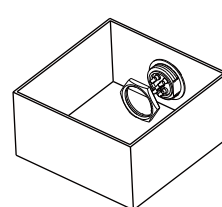
Panel Cut-out



Rear Fastened



How to Install

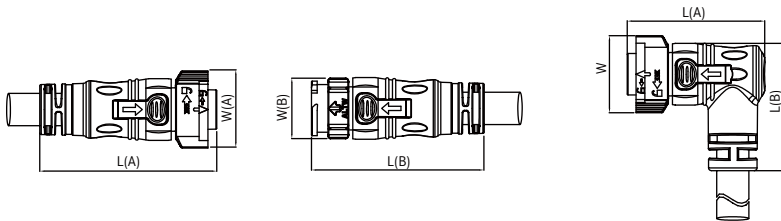


Size	Current Rating (Code)	L	OD	A	B	C	D	Panel Thickness Max.
B	5A (BD)	14.8	15.6	18.6	10.8	20.6	23.7	4.5
	10A (BB)							
C	5A (CD)	19.4	20.8	19.0	11.0	25.4	29.3	4.2
	10A (CB)							
D	5A (DD)	23.6	25.6	18.0	14.9	28.6	33.0	3.6

Unit: mm

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

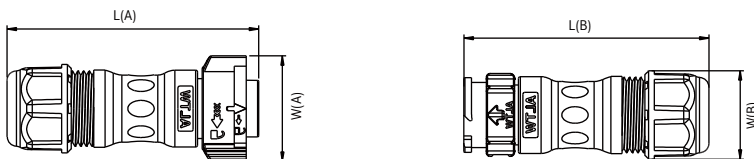
Overmolded With Cable



Size	Current Rating (Code)	Straight Style				Right Angle Style		
		L		W		L(A)	L(B)	W
		Female (A)	Male (B)	Female (A)	Male (B)	Female		
B	5A (BD)	53.4	53.0	25.0	20.1	45.2	34.5	25.0
	10A (BB)							
C	5A (CD)	64.2	62.7	28.0	22.4	50.0	46.2	28.0
	10A (CB)							
D	5A (DD)	62.4	61.8	36.0	27.0	63.0	49.5	36.0

Unit: mm

Field Installable



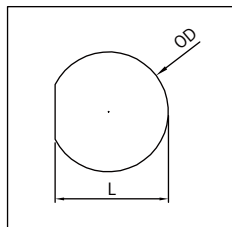
Size	Current Rating (Code)	Straight Style				Seal Size		
		L		W		S	M	L
		Female (A)	Male (B)	Female (A)	Male (B)			
B	5A (BD)	66.2	66.0	25.0	20.0	5.0~6.0	6.0~8.0	8.0~10.0
	10A (BB)							
C	5A (CD)	64.2	62.7	28.0	22.4	6.0~8.0	8.0~10.0	10.0~12.0
	10A (CB)							
	20A (CC)							
D	5A (BD)	70.2	69.0	36.0	27.0	8.0~10.0	10.0~12.0	12.0~14.0
	10A (BB)							

Unit: mm

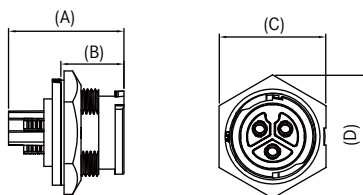
Physical Dimension | Power Group

Receptacle

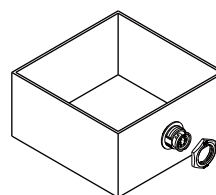
Panel Cut-out



Front Fastened



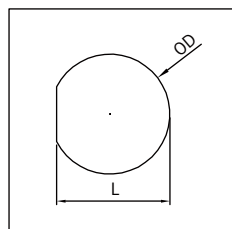
How to Install



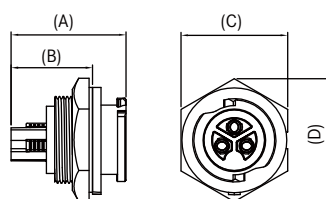
Size	Current Rating (Code)	L	OD	A	B	C	D	Panel Thickness Max.
B	5A (BD)	14.8	15.6	18.8	14.0	20.6	23.7	4
	10A (BB)							
C	20A (CC)	19.4	20.8	27.4	15.0	25.4	29.3	4.2
D	20A (DC)	23.6	25.6	26.3	14.9	28.6	33.0	3.6

Unit: mm

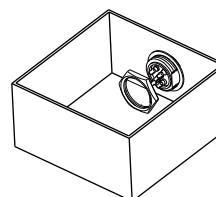
Panel Cut-out



Rear Fastened



How to Install

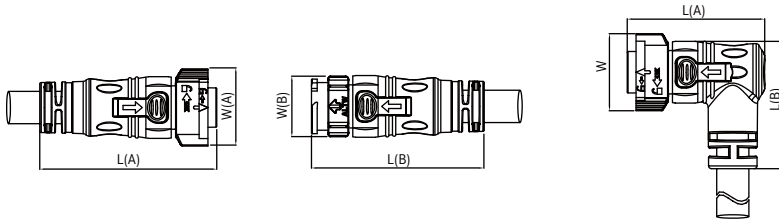


Size	Current Rating (Code)	L	OD	A	B	C	D	Panel Thickness Max.
B	5A (BD)	14.8	15.6	18.6	10.8	20.6	23.7	4.5
	10A (BB)							
C	20A (CC)	19.4	20.8	27.4	19.4	25.4	29.3	4.2
D	20A (DC)	23.6	25.6	26.3	18.1	28.6	33.0	3.6

Unit: mm

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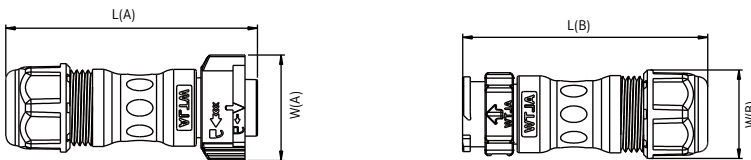
Overmolded With Cable



Size	Current Rating (Code)	Straight Style				Right Angle Style		
		L		W		L(A)	L(B)	W
		Female (A)	Male (B)	Female (A)	Male (B)	Female		
B	5A (BD)	53.4	53.0	25.0	20.1	45.2	34.5	25.0
	10A (BB)							
C	5A (CD)	64.2	62.7	28.0	22.4	50.0	46.2	28.0
	10A (CB)							
D	5A (DD)	62.4	61.8	36.0	27.0	63.0	49.5	36.0

Unit: mm

Field Installable



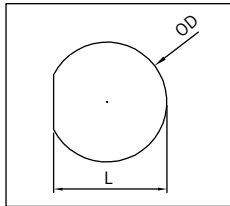
Size	Current Rating (Code)	Straight Style				Seal Size		
		L		W		S	M	L
		Female (A)	Male (B)	Female (A)	Male (B)			
B	5A (BD)	66.2	66.0	25.0	20.0	5.0~6.0	6.0~8.0	8.0~10.0
	10A (BB)							
C	5A (CD)	64.2	62.7	28.0	22.4	6.0~8.0	8.0~10.0	10.0~12.0
	10A (CB)							
	20A (CC)							
D	5A (BD)	70.2	69.0	36.0	27.0	8.0~10.0	10.0~12.0	12.0~14.0
	10A (BB)							

Unit: mm

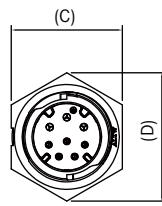
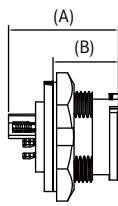
Physical Dimension | Hybrid Group

Receptacle

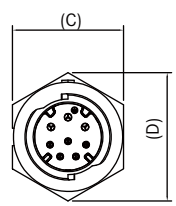
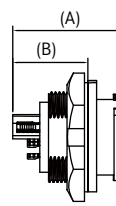
Panel Cut-out



Front Fastened



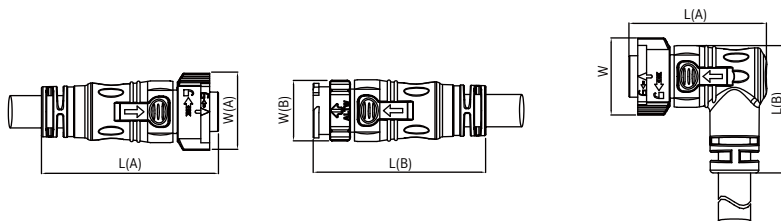
Rear Fastened



Size	Current Rating (Code)	Fasten Style	L	OD	A	B	C	D	Pannel Thickness Max.
B	10A+5A (BBD)	Front	14.8	15.6	26.0	14.0	20.6	23.7	4
		Rear	14.8	15.6	24.9	17.0	20.6	23.7	4.5
C	10A+5A (CBD)	Front	19.4	20.8	25.2	15.0	25.4	29.3	4.2
		Rear	19.4	20.8	25.2	17.2	25.4	29.3	4.2
D	20A+5A (DCD)	Front	23.6	25.6	24.1	14.9	28.6	33.0	3.6
		Rear	23.6	25.6	24.1	15.9	28.6	33.0	3.6

Unit: mm

Overmolded With Cable



Size	Current Rating (Code)	Straight Style				Right Angle Style		
		L		W		L(A)	L(B)	W
		Female (A)	Male (B)	Female (A)	Male (B)	Female		
B	10A+5A (BBD)	53.4	53.0	25.0	20.1	45.2	34.5	25.0
C	10A+5A (CBD)	64.2	62.7	28.0	22.4	50.0	46.2	28.0
D	20A+5A (DCD)	62.4	61.8	36.0	27.0	63.0	49.5	36.0

Unit: mm

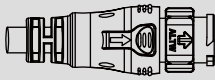
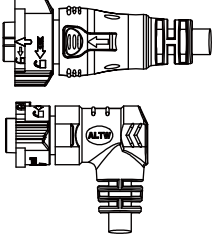
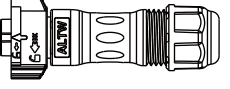
【Note】 Design and specification are subject to change without notice.

Contact Configuration

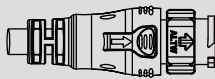
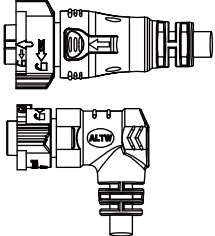
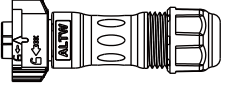
	Standard Size (B)										Middle			
	Data				Power				Hybrid		Data			
	5A (BD)		10A (BB)		5A (BD)		10A (BB)		10A+5A (BBD)		5A (CD)		10A (CB)	
④⑤	MM or FF	MF or FM	MM or FF	MF or FM	MM or FF	MF or FM	MM or FF	MF or FM	MM or FF	MF or FM	MM or FF	MF or FM	MM or FF	MF or FM
2 Pin (02)														
	R C F	R C F	R C	R C			R C F	R C F						
3 Pin (03)														
	R C F	R C F	R C	R C	R C	R C	R C F	R C F	R C	R C				
4 Pin (04)														
	R C F	R C F	R C				R C F		R C	R C			R C F	R C F
5 Pin (05)														
	R C F	R C F							R C	R C			R C F	R C F
6 Pin (06)														
	R C F	R C F							R C	R C			R C F	
7 Pin (07)														
	R C F										R C F	R C F		
8 Pin (08)														
	R C F										R C F	R C F		
9 Pin (09)														
											R C F	R C F		
10 Pin (10)														
											R C F			
11 Pin (11)														
12 Pin (12)														
											R C F			
14 Pin (14)														
18 Pin (18)														

Find Our Standard Products

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

- Male Connector (Housing) - Male Contacts - Push Lock			Overmolded with Cable	Overmolded with Cable	Field Installable
					 ASSP- 2 FAC 6 P/N refers to page 20-22
Group	Current Rating (Code)	Contacts 2	Male Connector (M) Male Contacts (M)	Female Connector (F) Female Contacts (F)	Female Connector (F) Female Contacts (F)
Data	5A (BD)	02,03,04, 05,06,07,08	BD- 2 AMMM-QL8DXX*	BD- 2 AFFM-QL8DXX* BD- 2 AFFM-QR8DXX*	BD- 2 BFFA-QL8X ¹ X ² 0**
	10A (BB)	02,03,04	BB- 2 AMMM-QL8DXX*	BB- 2 AFFM-QL8DXX* BB- 2 AFFM-QR8DXX*	-
Power	5A (BD)	03	BD-03AMMM-QL8EXX*	BD-03AFFM-QL8EXX* BD-03AFFM-QR8EXX*	-
	10A (BB)	02,03,04	BB- 2 AMMM-QL8EXX*	BB- 2 AFFM-QL8EXX* BB- 2 AFFM-QR8EXX*	BB- 2 BFFA-QL8X ¹ X ² P**
Hybrid	10A+5A (BBD)	06	BBD-06AMMM-QL8FXX*	BBD-06AFFM-QL8FXX* BBD-06AFFM-QR8FXX*	-

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

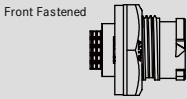
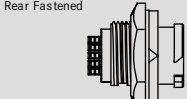
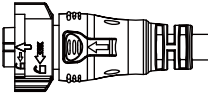
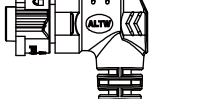
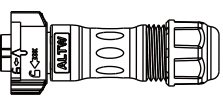
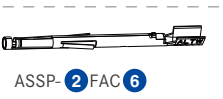
- Male Connector (Housing) - Female Contacts - Push Lock			Overmolded with Cable	Overmolded with Cable	Field Installable
					 ASSP- 2 FAC 6 P/N refers to page 20-22
Group	Current Rating (Code)	Contacts 2	Male Connector (M) Female Contacts (F)	Female Connector (F) Male Contacts (M)	Female Connector (F) Male Contacts (M)
Data	5A (BD)	02,03,04, 05,06	BD- 2 AMFM-QL8DXX*	BD- 2 AFMM-QL8DXX* BD- 2 AFMM-QR8DXX*	BD- 2 BFMA-QL8X ¹ X ² 0**
	10A (BB)	02,03,04	BB- 2 AMFM-QL8DXX*	BB- 2 AFMM-QL8DXX* BB- 2 AFMM-QR8DXX*	-
Power	5A (BD)	03	BD-03AMFM-QL8EXX*	BD-03AFMM-QL8EXX* BD-03AFMM-QR8EXX*	-
	10A (BB)	02,03	BB- 2 AMFM-QL8EXX*	BB- 2 AFMM-QL8EXX* BB- 2 AFMM-QR8EXX*	BB- 2 BFMA-QL8X ¹ X ² P**
Hybrid	10A+5A (BBD)	06	BBD-06AMFM-QL8FXX*	BBD-06AFMM-QL8FXX* BBD-06AFMM-QR8FXX*	-

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

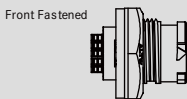
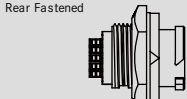
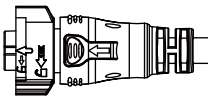
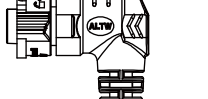
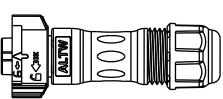
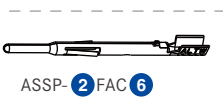
**X¹X²: Seal Size + Package Options
e.g. (SN) = Seal S + Connector without ContactX¹: Seal Size
(S) 5.0~6.0mm
(M) 6.0~8.0mm
(L) 8.0~10.0mmX²: Package Options
(N) Connector without Contact
(P) Connector with Contacts

[Contacts are available to be sold in bulk individually. For further information, please refer to page 20-22.]

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

- Male Connector (Housing) - Male Contacts - Push Lock			Receptacle  	Overmolded with Cable  	Field Installable   ASSP- 2 FAC 6 P/N refers to page 20-22
Group	Current Rating (Code)	Contacts 2	Male Connector (M) Female Contacts (F)	Female Connector (F) Male Contacts (M)	Female Connector (F) Female Contacts (F)
Data	5A (BD)	02,03,04, 05,06,07,08	BD- 2 PMMS-QC8001 BD- 2 RMMS-QC8001	BD- 2 AFFM-QL8DXX* BD- 2 AFFM-QR8DXX*	BD- 2 BFFA-QL8X ¹ X ² 0**
	10A (BB)	02,03,04	BB- 2 PMMS-QC8001 BB- 2 RMMS-QC8001	BB- 2 AFFM-QL8DXX* BB- 2 AFFM-QR8DXX*	-
Power	5A (BD)	03	BD-03PMMS-QC800P BD-03RMMS-QC800P	BD-03AFFM-QL8EXX* BD-03AFFM-QR8EXX*	-
	10A (BB)	02,03,04	BB- 2 PMMS-QC800P BB- 2 RMMS-QC800P	BB- 2 AFFM-QL8EXX* BB- 2 AFFM-QR8EXX*	BB- 2 BFFA-QL8X ¹ X ² P**
Hybrid	10A+5A (BBD)	06	BBD-06PMMS-QC8001 BBD-06RMMS-QC8001	BBD-06AFFM-QL8FXX* BBD-06AFFM-QR8FXX*	-

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

- Male Connector (Housing) - Male Contacts - Push Lock			Receptacle  	Overmolded with Cable  	Field Installable   ASSP- 2 FAC 6 P/N refers to page 20-22
Group	Current Rating (Code)	Contacts 2	Male Connector (M) Female Contacts (F)	Female Connector (F) Male Contacts (M)	Female Connector (F) Male Contacts (M)
Data	5A (BD)	02,03,04, 05,06	BD- 2 RMFS-QC8001 BD- 2 PMFS-QC8001	BD- 2 AFMM-QL8DXX* BD- 2 AFMM-QR8DXX*	BD- 2 BFMA-QL8X ¹ X ² 0**
	10A (BB)	02,03	BB- 2 RMFS-QC8001 BB- 2 PMFS-QC8001	BB- 2 AFMM-QL8DXX* BB- 2 AFMM-QR8DXX*	-
Power	5A (BD)	03	BD-03RMFS-QC800P BD-03PMFS-QC800P	BD-03AFMM-QL8EXX* BD-03AFMM-QR8EXX*	-
	10A (BB)	02,03	BB- 2 RMFS-QC800P BB- 2 PMFS-QC800P	BB- 2 AFMM-QL8EXX* BB- 2 AFMM-QR8EXX*	BB- 2 BFMA-QL8X ¹ X ² P**
Hybrid	10A+5A (BBD)	06	BBD-06RMFS-QC8001 BBD-06PMFS-QC8001	BBD-06AFMM-QL8FXX* BBD-06AFMM-QR8FXX*	-

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

**X¹X²: Seal Size + Package Options
e.g. (SN) = Seal S + Connector without Contact

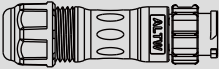
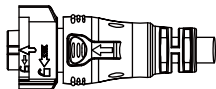
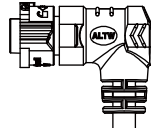
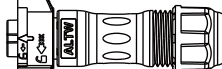
X¹: Seal Size
(S) 5.0~6.0mm
(M) 6.0~8.0mm
(L) 8.0~10.0mm

X²: Package Options
(N) Connector without Contact
(P) Connector with Contacts

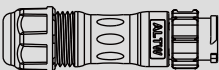
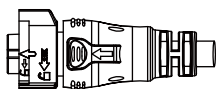
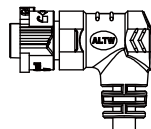
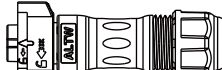
[Contacts are available to be sold in bulk individually. For further information, please refer to page 20-22.]

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

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

- Male Connector (Housing) - Male Contacts - Push Lock			Field Installable  -----  ASSP- ② FAC ⑥ P/N refers to page xxx	Overmolded with Cable  	Field Installable  -----  ASSP- ② FAC ⑥ P/N refers to page 20-22
Group	Current Rating (Code)	Contacts ②	Male Connector (M) Male Contacts (M)	Female Connector (F) Female Contacts (F)	Female Connector (F) Female Contacts (F)
Data	5A (BD)	02,03,04, 05,06,07,08	BD- ② BMMA-QL8X ¹ X ² 0**	BD- ② AFFM-QL8DXX* BD- ② AFFM-QR8DXX*	BD- ② BFFA-QL8X ¹ X ² 0**
Power	10A (BB)	02,03,04	BD- ② BMMA-QL8X ¹ X ² P**	BB- ② AFFM-QL8DXX* BB- ② AFFM-QR8DXX*	BD- ② BFFA-QL8X ¹ X ² P**

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

			Field Installable  -----  ASSP- ② FAC ⑥ P/N refers to page xxx	Overmolded with Cable  	Field Installable  -----  ASSP- ② FAC ⑥ P/N refers to page 20-22
Group	Current Rating (Code)	Contacts ②	Male Connector (M) Female Contacts (F)	Female Connector (F) Male Contacts (M)	Female Connector (F) Male Contacts (M)
Data	5A (BD)	02,03,04, 05,06	BD- ② BMFA-QL8X ¹ X ² 0**	BD- ② AFMM-QL8DXX* BD- ② AFMM-QR8DXX*	BD- ② BFMA-QL8X ¹ X ² 0**
Power	10A (BB)	02,03	BB- ② BMFA-QL8X ¹ X ² P**	BB- ② AFMM-QL8DXX* BB- ② AFMM-QR8DXX*	BB- ② BFMA-QL8X ¹ X ² P**

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

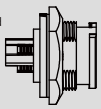
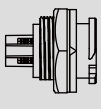
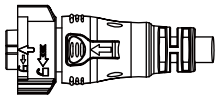
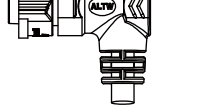
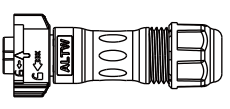
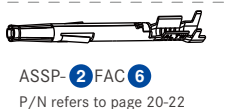
**X¹X²: Seal Size + Package Options
e.g. (SN) = Seal S + Connector without Contact

X¹: Seal Size
(S) 5.0~6.0mm
(M) 6.0~8.0mm
(L) 8.0~10.0mm

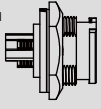
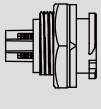
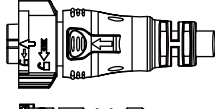
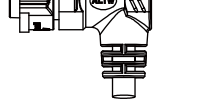
X²: Package Options
(N) Connector without Contact
(P) Connector with Contacts

[Contacts are available to be sold in bulk individually. For further information, please refer to page 20-22.]

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

• Male Connector (Housing) • Male Contacts • Push Lock			Receptacle  	Overmolded with Cable  	Field Installable   ASSP- 2 FAC 6 P/N refers to page 20-22
Group	Current Rating (Code)	Contacts 2	Male Connector (M) Male Contacts (M)	Female Connector (F) Female Contacts (F)	Female Connector (F) Female Contacts (F)
Data	5A (CD)	08,09,10,12	CD- 2 PMMS-QC8001	CD- 2 AFFM-QL8DXX* CD- 2 AFFM-QR8DXX*	CD- 2 BFFA-QL8X ¹ X ² 0**
	10A (CB)	04,05,06	CB- 2 PMMS-QC8001	CB- 2 AFFM-QL8DXX*	CB- 2 BFFA-QL8X ¹ X ² 0**
Power	20A (CC)	02,03	CC- 2 PMMS-QC800P	CC- 2 AFFM-QL8EXX* CC- 2 AFFM-QR8EXX*	CC- 2 BFFA-QL8X ¹ X ² P**
Hybrid	10A+5A (CBD)	08	CBD-08PMMS-QC8001	CBD-08AFFM-QL8FXX* CBD-08AFFM-QR8FXX*	-

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

• Male Connector (Housing) • Male Contacts • Push Lock			Receptacle  	Overmolded with Cable  	Field Installable   ASSP- 2 FAC 6 P/N refers to page 20-22
Group	Current Rating (Code)	Contacts 2	Male Connector (M) Female Contacts (F)	Female Connector (F) Male Contacts (M)	Female Connector (F) Male Contacts (M)
Data	5A (CD)	07,08,09	CD- 2 PMFS-QC8001	CD- 2 AFMM-QL8DXX* CD- 2 AFMM-QR8DXX*	CD- 2 BFMA-QL8X ¹ X ² 0**
	10A (CB)	04,05	CB- 2 PMFS-QC8001	CB- 2 AFMM-QL8DXX* CB- 2 AFMM-QL8DXX*	CB- 2 BFMA-QL8X ¹ X ² 0**
Power	20A (CC)	02,03	CC- 2 PMFS-QC800P	CC- 2 AFMM-QL8EXX* CC- 2 AFMM-QR8EXX*	CC- 2 BFMA-QL8X ¹ X ² P**
Hybrid	10A+5A (CBD)	08	CBD-08PMFS-QC8001	CBD-08AFMM-QL8FXX* CBD-08AFMM-QR8FXX*	-

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

**X¹X²: Seal Size + Package Options
e.g. (SN) = Seal S + Connector without Contact

X¹: Seal Size

(S) 6.0~8.0mm
(M) 8.0~10.0mm
(L) 10.0~12.0mm

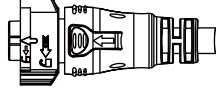
X²: Package Options

(N) Connector without Contact
(P) Connector with Contacts

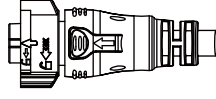
[Contacts are available to be sold in bulk individually. For further information, please refer to page 20-22.]

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

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

• Male Connector (Housing) • Male Contacts • Push Lock			Receptacle  	Overmolded with Cable  	Field Installable   ASSP- 2 FAC 6 P/N refers to page 20-22
Group	Current Rating (Code)	Contacts 2	Male Connector (M) Male Contacts (M)	Female Connector (F) Female Contacts (F)	Female Connector (F) Female Contacts (F)
Data	5A (CD)	08,09,10,12	CD- 2 PMMS-QC8001 CD- 2 RMMS-QC8001	CD- 2 AFFM-QL8DXX* CD- 2 AFFM-QR8DXX*	CD- 2 BFFA-QL8X ¹ X ² 0**
	10A (CB)	04,05,06	CB- 2 PMMS-QC8001 CB- 2 RMMS-QC8001	CB- 2 AFFM-QL8DXX*	CB- 2 BFFA-QL8X ¹ X ² 0**
Power	20A (CC)	02,03	CC- 2 PMMS-QC800P CC- 2 RMMS-QC800P	CC- 2 AFFM-QL8EXX* CC- 2 AFFM-QR8EXX*	CC- 2 BFFA-QL8X ¹ X ² P**
Hybrid	10A+5A (CBD)	08	CBD-08PMMS-QC8001 CBD-08RMMS-QC8001	CBD-08AFFM-QL8FXX* CBD-08AFFM-QR8FXX*	-

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

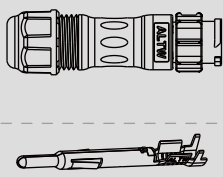
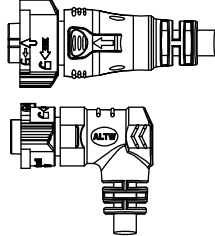
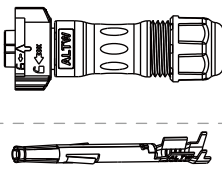
• Male Connector (Housing) • Female Contacts • Push Lock			Receptacle  	Overmolded with Cable  	Field Installable   ASSP- 2 FAC 6 P/N refers to page 20-22
Group	Current Rating (Code)	Contacts 2	Male Connector (M) Female Contacts (F)	Female Connector (F) Male Contacts (M)	Female Connector (F) Male Contacts (M)
Data	5A (CD)	08,09,10,12	CD- 2 PMFS-QC8001 CD- 2 RMFS-QC8001	CD- 2 AFMM-QL8DXX* CD- 2 AFMM-QR8DXX*	CD- 2 BFMA-QL8X ¹ X ² 0**
	10A (CB)	04,05,06	CB- 2 PMFS-QC8001 CB- 2 RMFS-QC8001	CB- 2 AFMM-QL8DXX*	CB- 2 BFMA-QL8X ¹ X ² 0**
Power	20A (CC)	02,03	CC- 2 PMFS-QC800P CC- 2 RMFS-QC800P	CC- 2 AFMM-QL8EXX* CC- 2 AFMM-QR8EXX*	CC- 2 BFMA-QL8X ¹ X ² P**
Hybrid	10A+5A (CBD)	08	CBD-08PMFS-QC8001 CBD-08RMFS-QC8001	CBD-08AFMM-QL8FXX* CBD-08AFMM-QR8FXX*	-

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

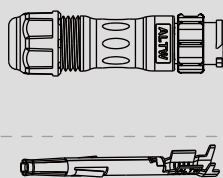
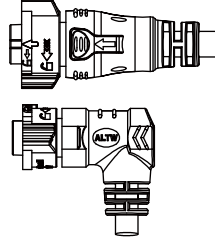
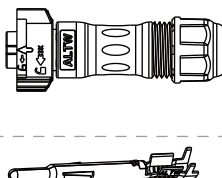
**X¹X²: Seal Size + Package Options
e.g. (SN) = Seal S + Connector without ContactX¹: Seal Size
(S) 6.0~8.0mm
(M) 8.0~10.0mm
(L) 10.0~12.0mmX²: Package Options
(N) Connector without Contact
(P) Connector with Contacts

[Contacts are available to be sold in bulk individually. For further information, please refer to page 20-22.]

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

• Male Connector (Housing) • Male Contacts • Push Lock			Field Installable  ASSP- 2 FAC 6 P/N refers to page xxx	Overmolded with Cable  ASSP- 2 FAC 6 P/N refers to page 20-22	Field Installable  ASSP- 2 FAC 6 P/N refers to page 20-22
Group	Current Rating (Code)	Contacts 2	Male Connector (M) Male Contacts (M)	Female Connector (F) Female Contacts (F)	Female Connector (F) Female Contacts (F)
Data	5A (CD)	08,09,10,12	CD- 2 BMMA-QL8X ¹ X ² 0**	CD- 2 AFFM-QL8DXX* CD- 2 AFFM-QR8DXX*	CD- 2 BFFA-QL8X ¹ X ² 0**
	10A (CB)	04,05,06	CB- 2 BMMA-QL8X ¹ X ² 0**	CB- 2 AFFM-QL8DXX*	CB- 2 BFFA-QL8X ¹ X ² 0**
Power	20A (CC)	02,03	CC- 2 BMMA-QL8X ¹ X ² P**	CC- 2 AFFM-QL8EXX* CC- 2 AFFM-QR8EXX*	CC- 2 BFFA-QL8X ¹ X ² P**

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

• Male Connector (Housing) • Male Contacts • Push Lock			Field Installable	Overmolded with Cable	Field Installable
			 ASSP- 2 FAC 6 P/N refers to page xxx	 ASSP- 2 FAC 6 P/N refers to page 20-22	 ASSP- 2 FAC 6 P/N refers to page 20-22
Group	Current Rating (Code)	Contacts 2	Male Connector (M) Female Contacts (F)	Female Connector (F) Male Contacts (M)	Female Connector (F) Male Contacts (M)
Data	5A (CD)	07,08,09	CD- 2 BMFA-QL8X ¹ X ² 0**	CD- 2 AFMM-QL8DXX* CD- 2 AFMM-QR8DXX*	CD- 2 BFMA-QL8X ¹ X ² 0**
	10A (CB)	04,05	CB- 2 BMFA-QL8X ¹ X ² 0**	CD- 2 AFMM-QL8DXX* CD- 2 AFMM-QR8DXX*	CB- 2 BFMA-QL8X ¹ X ² 0**
Power	20A (CC)	02,03	CC- 2 BMFA-QL8X ¹ X ² P**	CC- 2 AFMM-QL8EXX* CC- 2 AFMM-QR8EXX*	CC- 2 BFMA-QL8X ¹ X ² P**

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

**X¹X²: Seal Size + Package Options

e.g. (SN) = Seal S + Connector without Contact

X¹: Seal Size

(S) 6.0-8.0mm

(M) 8.0-10.0mm

(L) 10.0-12.0mm

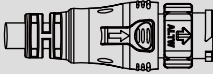
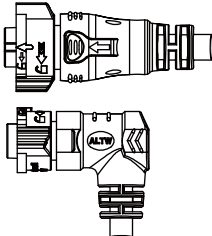
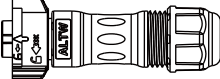
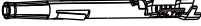
X²: Package Options

(N) Connector without Contact

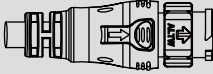
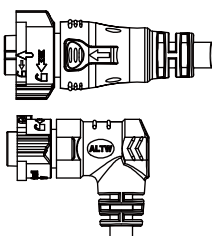
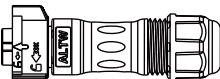
(P) Connector with Contacts

[Contacts are available to be sold in bulk individually. For further information, please refer to page 20-22.]

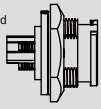
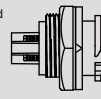
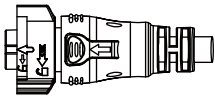
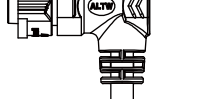
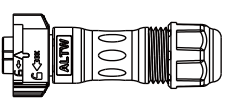
Large Size 1"-20UNEF > In-Line

Male Connector (Housing) Male Contacts Push Lock			Overmolded with Cable	Overmolded with Cable	Field Installable
					  ASSP-2 FAC 6 P/N refers to page 20-22
Group	Current Rating (Code)	Contacts 2	Male Connector (M) Male Contacts (M)	Female Connector (F) Female Contacts (F)	Female Connector (F) Female Contacts (F)
Data	5A (DD)	14,18	DD- 2 AMMM-QL8DXX*	DD- 2 AFFM-QL8DXX* DD- 2 AFFM-QL8DXX*	DD- 2 BFFA-QL8X ¹ X ² 0**
Power	20A (DC)	02,03,05	DC- 2 AMMM-QL8EXX*	DC- 2 AFFM-QL8EXX* DC- 2 AFFM-QL8EXX*	DC- 2 BFFA-QL8X ¹ X ² P**
Hybrid	20A+5A (DCD)	12	DCD- 2 AMMM-QL8FXX*	DCD- 2 AFFM-QL8FXX* DCD- 2 AFFM-QL8FXX*	-

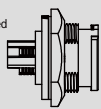
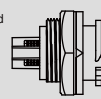
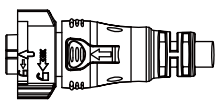
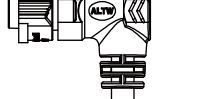
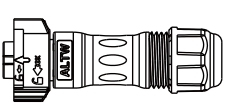
Large Size 1"-20UNEF > In-Line

Male Connector (Housing) Female Contacts Push Lock			Overmolded with Cable	Overmolded with Cable	Field Installable
					  ASSP-2 FAC 6 P/N refers to page 20-22
Group	Current Rating (Code)	Contacts 2	Male Connector (M) Female Contacts (F)	Female Connector (F) Male Contacts (M)	Female Connector (F) Male Contacts (M)
Data	5A (DD)	12,14,18	DD- 2 AMFM-QL8DXX*	DD- 2 AFMM-QL8DXX* DD- 2 AFMM-QL8DXX*	DD- 2 BFMA-QL8X ¹ X ² 0**
Power	20A (DC)	02,03,05	DC- 2 AMFM-QL8EXX*	DC- 2 AFMM-QL8EXX* DC- 2 AFMM-QL8EXX*	DC- 2 BFMA-QL8X ¹ X ² P**
Hybrid	20A+5A (DCD)	12	DCD- 2 AMFM-QL8FXX*	DCD- 2 AFMM-QL8FXX* DCD- 2 AFMM-QL8FXX*	-

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

• Male Connector (Housing) • Male Contacts • Push Lock			Receptacle  	Overmolded with Cable  	Field Installable   ASSP- 2 FAC 6 P/N refers to page 20-22
Group	Current Rating (Code)	Contacts 2	Male Connector (M) Male Contacts (M)	Female Connector (F) Female Contacts (F)	Female Connector (F) Female Contacts (F)
Data	5A (CD)	14, 18	DD- 2 PMMS-QC8001 DD- 2 RMMS-QC8001	DD- 2 AFFM-QL8DXX* DD- 2 AFFM-QR8DXX*	DD- 2 BFFA-QL8X ¹ X ² 0**
Power	10A (DC)	02,03,05	DC- 2 PMMS-QC800P DC- 2 RMMS-QC800P	DC- 2 AFFM-QL8DXX*	DC- 2 BFFA-QL8X ¹ X ² P**
Hybrid	20A+5A (DCD)	12	DCD- 2 PMMS-QC8001 DCD- 2 RMMS-QC8001	DCD- 2 AFFM-QL8EXX* DCD- 2 AFFM-QR8EXX*	-

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

• Male Connector (Housing) • Female Contacts • Push Lock			Receptacle  	Overmolded with Cable  	Field Installable   ASSP- 2 FAC 6 P/N refers to page 20-22
Group	Current Rating (Code)	Contacts 2	Male Connector (M) Female Contacts (F)	Female Connector (F) Male Contacts (M)	Female Connector (F) Male Contacts (M)
Data	5A (CD)	12, 14, 18	DD- 2 PMFS-QC8001 DD- 2 RMFS-QC8001	DD- 2 AFMM-QL8DXX* DD- 2 AFMM-QR8DXX*	DD- 2 BFMA-QL8X ¹ X ² 0**
Power	10A (DC)	02,03,05	DC- 2 PMFS-QC800P DC- 2 RMFS-QC800P	DC- 2 AFMM-QL8DXX*	DC- 2 BFMA-QL8X ¹ X ² P**
Hybrid	20A+5A (DCD)	12	DCD- 2 PMFS-QC8001 DCD- 2 RMFS-QC8001	DCD- 2 AFMM-QL8EXX* DCD- 2 AFMM-QR8EXX*	-

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

**X¹X²: Seal Size + Package Options
e.g. (SN) = Seal S + Connector without Contact

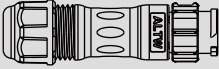
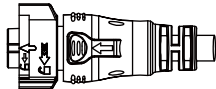
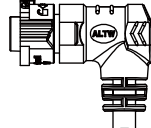
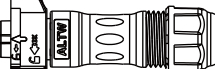
X¹: Seal Size
(S) 8.0~10.0mm
(M) 10.0~12.0mm
(L) 12.0~14.0mm

X²: Package Options
(N) Connector without Contact
(P) Connector with Contacts

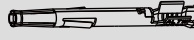
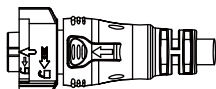
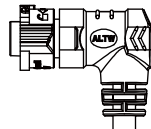
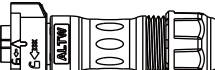
[Contacts are available to be sold in bulk individually. For further information, please refer to page 20-22.]

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

Large Size 1"-20UNEF > In-Line

- Male Connector (Housing) - Male Contacts - Push Lock			Field Installable   ASSP- 2 FAC 6 P/N refers to page xxx	Overmolded with Cable  	Field Installable   ASSP- 2 FAC 6 P/N refers to page 20-22
Group	Current Rating (Code)	Contacts 2	Male Connector (M) Male Contacts (M)	Female Connector (F) Female Contacts (F)	Female Connector (F) Female Contacts (F)
Data	5A (DD)	14, 18	DD- 2 BMMA-QL8X ¹ X ² 0**	DD- 2 AFFM-QL8DXX* DD- 2 AFFM-QR8DXX*	DD- 2 BFFA-QL8X ¹ X ² 0**
Power	20A (DC)	02,03,05	DC- 2 BMMA-QL8X ¹ X ² P**	DC- 2 AFFM-QL8DXX* DC- 2 AFFM-QR8DXX*	DC- 2 BFFA-QL8X ¹ X ² P**

Large Size 1"-20UNEF > In-Line

- Male Connector (Housing) - Female Contacts - Push Lock			Field Installable   ASSP- 2 FAC 6 P/N refers to page xxx	Overmolded with Cable  	Field Installable   ASSP- 2 FAC 6 P/N refers to page 20-22
Group	Current Rating (Code)	Contacts 2	Male Connector (M) Female Contacts (F)	Female Connector (F) Male Contacts (M)	Female Connector (F) Male Contacts (M)
Data	5A (DD)	12, 14, 18	DD- 2 BMFA-QL8X ¹ X ² 0**	DD- 2 AFMM-QL8DXX* DD- 2 AFMM-QR8DXX*	DD- 2 BFMA-QL8X ¹ X ² 0**
Power	10A (DC)	02,03,05	DC- 2 BMFA-QL8X ¹ X ² P**	DC- 2 AFMM-QL8DXX* DC- 2 AFMM-QR8DXX*	DC- 2 BFMA-QL8X ¹ X ² P**

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

**X¹X²: Seal Size + Package Options
e.g. (SN) = Seal S + Connector without Contact

X¹: Seal Size

(S) 8.0~10.0mm
(M) 10.0~12.0mm
(L) 12.0~14.0mm

X²: Package Options

(N) Connector without Contact
(P) Connector with Contacts

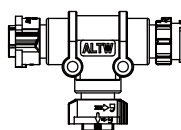
[Contacts are available to be sold in bulk individually. For further information, please refer to page 20-22.]

└ I-Adaptor, T-Adaptor & T-Cable

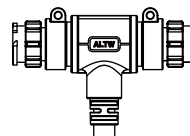
Customization - Upon Request



I-Adaptor



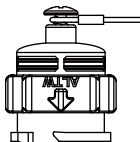
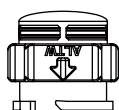
T-Adaptor



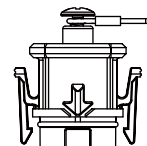
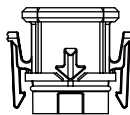
T-Cable

└ Waterproof Cap

For female connector



For male connector



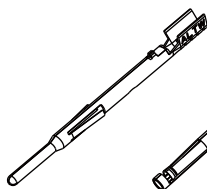
3 More to choose: None (MA) / With Rubber Lead (PC)

4 More to choose: None (MA) / With Fish Line (CD)

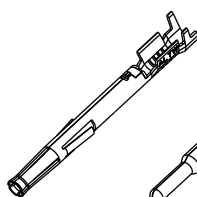
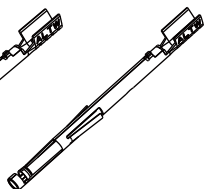
5 More to choose: None (A) / With Fish Line (D)

Size	Mating Pair	Mating Style	Mating Pair (Gender)	P/N
Standard Size 5/8"-27 UNS	Receptacle	Push Lock	Male	CAP-WABMQ 3 1
	Overmolded with cable	Push Lock	Female	CAP-WABFQ 4 1
			Male	CAP-WABMQM 5 1
Middle Size 13/16"-28 UNS	Receptacle	Push Lock	Male	CAP-WACMQ 3 1 CAP-WACMQ 3 2
	Overmolded with cable	Push Lock	Female	CAP-WACFQ 4 1
			Male	CAP-WACMQM 5 1 CAP-WACMQM 5 2
Large Size 1/20" UNEF	Receptacle	Push Lock	Male	CAP-WADMQ 3 1 CAP-WADMQ 3 2
	Overmolded with cable	Push Lock	Female	CAP-WADFQ 4 1
			Male	CAP-WADMQM 5 1 CAP-WADMQM 5 2

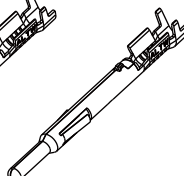
└ Contacts & Crimp Tool



5A



10A/20A



Crimp Tool

Current Rating 2	Contact Gender	P/N	Packages 6	Crimp Tool
5A (05)	Male	ASSP-05MAC 6	(SA) 50pcs / Bulk (SB) 100pcs / Bulk (SC) 500pcs / Bulk (SD) 1000pcs / Bulk (RE) 3000pcs / Bulk	ASST-C-05-W-A (20AWG ~ 22AWG)
	Female	ASSP-05FAC 6		
10A (10)	Male	ASSP-10MAC 6		ASST-C-10-W-B (16AWG ~ 18AWG)
	Female	ASSP-10FAC 6		
20A (20)	Male	ASSP-20MAC 6		ASST-C-20-W-C (12AWG ~ 14AWG)
	Female	ASSP-20FAC 6		

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

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