





CATALOGUE

X-Lok Connector



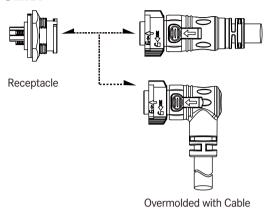




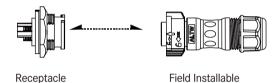


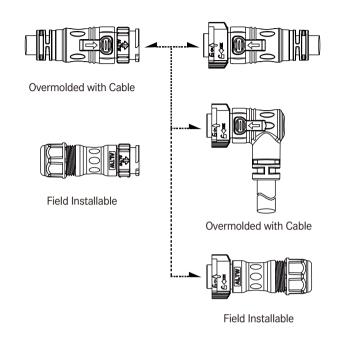
Range Overview

□ Receptacle to Overmolded with Cable



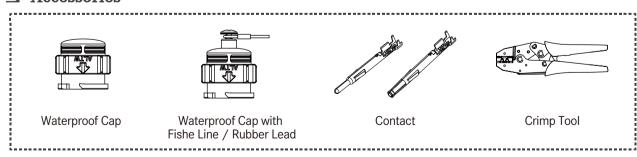
□ Receptacle to Field Installable







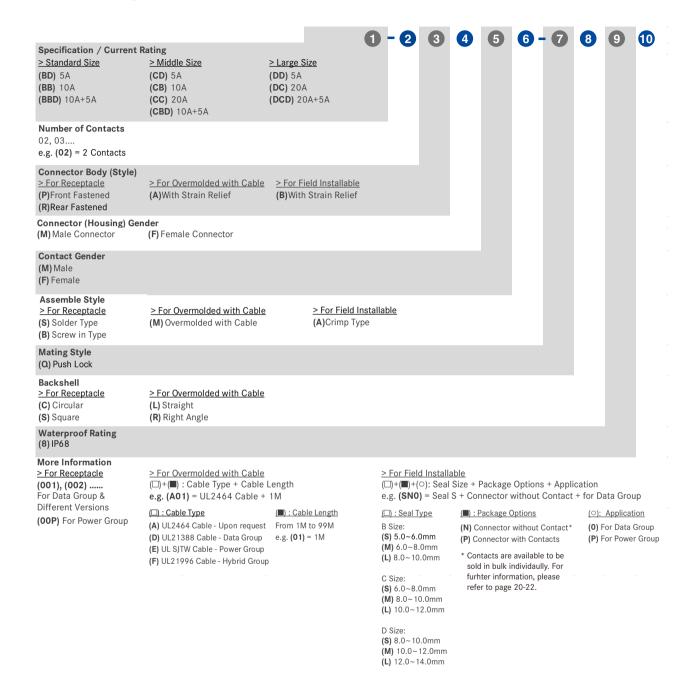
△ Accessories



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: • Date 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

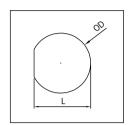
Ordering Information



Physical Dimension | Data Group

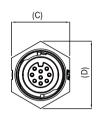
∠ Receptacle

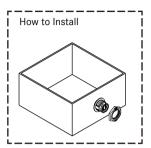
Panel Cut-out





Front Fastened

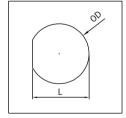


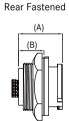


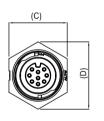
Size	Current Rating (Code)	L	OD	А	В	С	D	Pannel Thickness Max.	
В	5A (BD)	14.8	15.6	18.8	14.0	20.6	23.7	4	
Б	10A (BB)	14.0	15.0	10.0	14.0	20.0	23.7	4	
С	5A (CD)	19.4	20.8	19.0	15.0	25.4	29.3	4.2	
	10A (CB)								
D	5A (DD)	23.6	25.6	18.0	14.9	28.6	33.0	3.6	

Unit: mm

Panel Cut-out



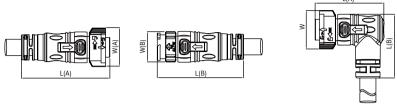






Size	Current Rating (Code)	L	OD	А	В	С	D	Panel Thickness Max.
	5A (BD)	14.0	15 (10 (10.0	00.4	00.7	4.5
В	10A (BB)	14.8	15.6	18.6	10.8	20.6	23.7	4.5
С	5A (CD)	19.4	20.8	19.0	11.0	25.4	29.3	4.2
	10A (CB)	.,	2010	.,,,		2011	27.0	
D	5A (DD)	23.6	25.6	18.0	14.9	28.6	33.0	3.6

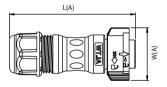
□ Overmolded With Cable

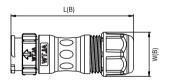


	Current		Straigl	nt Style		Right Angle Style			
Size	Rating	l	_	٧	/	L(A)	L(B)	W	
	(Code)	Female (A)	Male (B)	Female (A)	<u> </u>				
В	5A (BD)	53.4	53.0	25.0	20.1	45.2	34.5	25.0	
	10A (BB)	00.1	00.0	20.0	20.1	10.2	01.0	20.0	
С	5A (CD)	64.2	62.7	28.0	22.4	50.0	46.2	28.0	
	10A (CB)	04.2	02.7	20.0	22.4	30.0	40.2	20.0	
D	5A (DD)	62.4	61.8	36.0	27.0	63.0	49.5	36.0	

Unit: mm

□ Field Installable



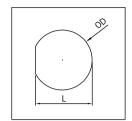


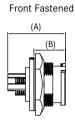
	Current		Straig	ht Style			Seal Size		
Size	Rating	L		V	V	S	М		
	(Code)	Female (A)	Male (B)	Female (A)	Male (B)	3	IVI	_	
В	5A (BD)	66.2	66.0	25.0	20.0	5.0~6.0	6.0~8.0	8.0~10.0	
10A (BB)		00.2	00.0	25.0	20.0	5.0~6.0	0.0~6.0	0.0 10.0	
	5A (CD)		62.7	28.0		6.0~8.0	8.0~10.0	10.0~12.0	
С	10A (CB)	64.2			22.4				
20A (CC)									
_	5A (BD)	70.2	69.0	36.0	27.0	8.0~10.0	100 100	120 140	
D	10A (BB)	70.2	09.0	30.0	27.0	6.0~10.0	10.0~12.0	12.0~14.0	

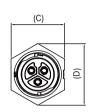
Physical Dimension | Power Group

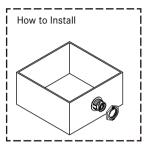
∠ Receptacle

Panel Cut-out





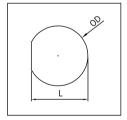




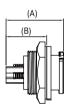
Size	Current Rating (Code)	L	OD	А	В	С	D	Panel Thickness Max.	
В	5A (BD)	14.8	15.6	18.8	14.0	20.6	23.7	4	
В	10A (BB)	14.0	13.0	10.0	14.0	20.0	25.7		
С	20A (CC)	19.4	20.8	27.4	15.0	25.4	29.3	4.2	
D	20A (DC)	23.6	25.6	26.3	14.9	28.6	33.0	3.6	

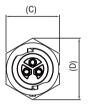
Unit: mm

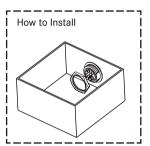
Panel Cut-out





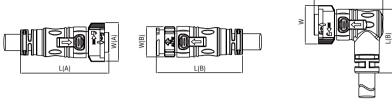






Size	Current Rating (Code)	L	OD	А	В	С	D	Panel Thickness Max.	
В	5A (BD)	14.8	15.6	18.6	10.8	20.6	23.7	4.5	
В	10A (BB)	14.0	10.0	10.0	10.0	20.0	20.7	1.5	
С	20A (CC)	19.4	20.8	27.4	19.4	25.4	29.3	4.2	
D	20A (DC)	23.6	25.6	26.3	18.1	28.6	33.0	3.6	

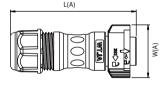
□ Overmolded With Cable

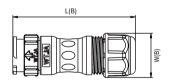


	Current		Straigl	nt Style		Righ	nt Angle Sty	/le
Size	Rating	I	_	٧	/	L(A)	L(B)	W
	(Code)	Female (A)	Male (B)	Female (A)	W L(A) L(B) Female 25.0 20.1 45.2 34.5 28.0 22.4 50.0 46.2			
В	5A (BD)	53.4	53.0	25.0	20.1	45.2	34 5	25.0
	10A (BB)	00.1	00.0	20.0	20.1	10.2	01.0	20.0
С	5A (CD)	64.2	62.7	28.0	22.4	E0.0	44.2	28.0
	10A (CB)	04.2	02.7	20.0	22.4	30.0	40.2	20.0
D	5A (DD)	62.4	61.8	36.0	27.0	63.0	49.5	36.0

Unit: mm

→ Field Installable



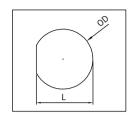


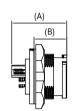
	Current		Straig	ht Style		Seal Size			
Size	Rating	L	-	V	W		М	1	
	(Code)	Female (A)	Male (B)	Female (A)	Male (B)	S	IVI	L	
В	5A (BD)	66.2	66.0	25.0	20.0	5.0~6.0	6.0~8.0	8.0~10.0	
Ь	10A (BB)	00.2	00.0	25.0	20.0	5.0~6.0	0.0~6.0	0.0 10.0	
	5A (CD)		62.7	28.0		6.0~8.0	8.0~10.0	10.0~12.0	
С	10A (CB)	64.2			22.4				
	20A (CC)								
D	5A (BD)	70.2	69.0	36.0	27.0	0.0 10.0	100 120	12.0~14.0	
J D	10A (BB)	70.2	09.0	30.0	27.0	6.0~10.0	10.0~12.0	12.0~14.0	

Physical Dimension | Hybrid Group

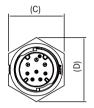
∠ Receptacle

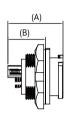
Panel Cut-out



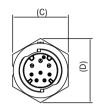


Front Fastened





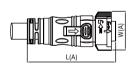
Rear Fastened

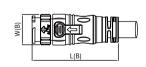


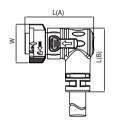
Size	Current Rating (Code)	Fasten Style	L	OD	А	В	С	D	Pannel Thickness Max.
В	10A+5A	Front	14.8	15.6	26.0	14.0	20.6	23.7	4
Ь	(BBD)	Rear	14.8	15.6	24.9	17.0	20.6	23.7	4.5
С	10A+5A	Front	19.4	20.8	25.2	15.0	25.4	29.3	4.2
	(CBD)	Rear	19.4	20.8	25.2	17.2	25.4	29.3	4.2
-	20A+5A	Front	23.6	25.6	24.1	14.9	28.6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

Unit: mm

□ Overmolded With Cable





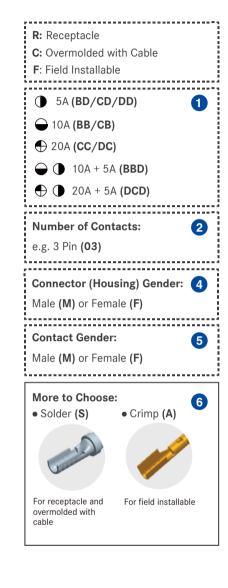


	Current		Straig	ht Style		Right Angle Style				
Size	Rating	l	-	V	V	L(A)	L(B)	W		
	(Code)	Female (A)	Male (B)	Female (A)	Male (B)	Female				
В	10A+5A (BBD)	53.4	53.0	25.0	20.1	45.2	45.2 34.5			
С	10A+5A (CBD)	64.2	62.7	28.0	22.4	50.0	46.2	28.0		
D	20A+5A (DCD) 62.4		61.8	36.0	27.0	63.0	49.5	36.0		

Contact Configuration

				Stand	ard Size				N	liddle				
		Da	ata			Po	wer		Hyl	orid		Da	ata	
	l .	(BD)	10A			(BD)	10A			A (BBD)		(CD)	10A	
46	MM or FF	MF or FM												
2 Pin (02)	R C F	R C F	RC	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)														

Size (C)				Large Size (D)					
	wer	Hyb	orid	Da	ita	Power		Hyb	orid
20A	(CC)	10A+5A	4 (CBD)	5A	(DD)	20A	(DC)	20A+5/	4 (DCD)
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
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R C F	R C F					R C F	R C F		
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R C F	R C F		_			RCF	R C F		
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				R C F	R C F				



Find Our Standard Products

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

	Connector (H Contacts Lock	ousing)	Overmolded with Cable	Overmolded with Cable	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-QL8D <u>XX</u> *	BD- 2 AFFM-QL8D <u>XX</u> * BD- 2 AFFM-QR8D <u>XX</u> *	BD- 2 BFFA-QL8 <u>X¹X²</u> 0**
Data	10A (BB)	02,03,04	BB- 2 AMMM-QL8D <u>XX</u> *	BB- 2 AFFM-QL8D <u>XX</u> * BB- 2 AFFM-QR8D <u>XX</u> *	-
Power	5A (BD)	03	BD-03AMMM-QL8E <u>XX</u> *	BD-03AFFM-QL8E <u>XX</u> * BD-03AFFM-QR8E <u>XX</u> *	-
rower	10A (BB) 02,03,04		BB- 2 AMMM-QL8EXX*	BB- 2 AFFM-QL8E <u>XX</u> * BB- 2 AFFM-QR8E <u>XX</u> *	BB- 2 BFFA-QL8 <u>X¹X²</u> P**
Hybrid	10A+5A (BBD)	06	BBD-06AMMM-QL8F <u>XX</u> *	BBD-06AFFM-QL8F <u>XX</u> * BBD-06AFFM-QR8F <u>XX</u> *	-

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

• Fema	Male Connector (Housing) Female Contacts Push Lock		Overmolded with Cable	Overmolded with Cable	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)
_	5A (BD)	02,03,04, 05,06	BD- 2 AMFM-QL8D <u>XX</u> *	BD- 2 AFMM-QL8D <u>XX</u> * BD- 2 AFMM-QR8D <u>XX</u> *	BD- 2 BFMA-QL8 <u>X¹X²</u> 0**
Data	10A (BB)	02,03,04	BB- 2 AMFM-QL8D <u>XX</u> *	BB- 2 AFMM-QL8D <u>XX</u> * BB- 2 AFMM-QR8D <u>XX</u> *	-
	5A (BD)	03	BD-03AMFM-QL8E <u>XX</u> *	BD-03AFMM-QL8E <u>XX</u> * BD-03AFMM-QR8E <u>XX</u> *	-
Power	10A (BB)	02,03	BB- 2 AMFM-QL8E <u>XX</u> *	BB- 2 AFMM-QL8E <u>XX</u> * BB- 2 AFMM-QR8E <u>XX</u> *	BB- 2 BFMA-QL8 <u>X¹X²</u> P**
Hybrid	10A+5A (BBD)	06	BBD-06AMFM-QL8F <u>XX</u> *	BBD-06AFMM-QL8F <u>XX</u> * BBD-06AFMM-QR8F <u>XX</u> *	-

 $^{^{\}star}\underline{XX}\!:$ Choose the cable length from 01-99 m

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

^{**}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

Standard Size: 5/8"-27 UNS > Receptacle and Mating Pair ■ Compare the compared of the c

	Connector (H Contacts Lock	ousing)	Front Fastened Rear Fastened Rear Fastened	Overmolded with Cable	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 PMMS-QC8001 BD- 2 RMMS-QC8001	BD- 2 AFFM-QL8D <u>XX</u> * BD- 2 AFFM-QR8D <u>XX</u> *	BD- 2 BFFA-QL8 <u>X¹X²</u> 0**
Data	10A (BB)	02,03,04	BB- 2 PMMS-QC8001 BB- 2 RMMS-QC8001	BB- 2 AFFM-QL8D <u>XX</u> * BB- 2 AFFM-QR8D <u>XX</u> *	-
Power	5A (BD)	03	BD-03PMMS-QC800P BD-03RMMS-QC800P	BD-03AFFM-QL8E <u>XX</u> * BD-03AFFM-QR8E <u>XX</u> *	-
Fower	10A (BB)	02,03,04	BB- 2 PMMS-QC800P BB- 2 RMMS-QC800P	BB- 2 AFFM-QL8E <u>XX</u> * BB- 2 AFFM-QR8E <u>XX</u> *	BB- 2 BFFA-QL8 <u>X¹X²</u> P**
Hybrid	10A+5A (BBD)	06	BBD-06PMMS-QC8001 BBD-06RMMS-QC8001	BBD-06AFFM-QL8F <u>XX</u> * BBD-06AFFM-QR8F <u>XX</u> *	-

Standard Size: 5/8"-27 UNS > Receptacle and Mating Pair → 1. Standard Size: 5/8"-27 UNS > Receptacle and Mating Pair → 2. Standard Size: 5/8"-27 UNS > Receptacle and Mating Pair → 3. Standard Size: 5/8"-27 UNS > Receptacle and Mating Pair → 3. Standard Size: 5/8"-27 UNS > Receptacle and Mating Pair → 3. Standard Size: 5/8"-27 UNS > Receptacle and Mating Pair → 3. Standard Size: 5/8"-27 UNS > Receptacle and Mating Pair → 3. Standard Size: 5/8"-27 UNS > Receptacle and Mating Pair → 3. Standard Size: 5/8"-27 UNS > Receptacle and Mating Pair → 3. Standard Size: 5/8"-27 UNS > Receptacle and Mating Pair → 3. Standard Size: 5/8"-27 UNS > Receptacle and Mating Pair → 3. Standard Size: 5/8"-27 UNS > Receptacle and Mating Pair → 3. Standard Size: 5/8"-27 UNS > Receptacle and Mating Pair → 3. Standard Size: 5/8"-27 UNS > Receptacle and Mating Pair → 3. Standard Size: 5/8"-27 UNS > Receptacle and Mating Pair → 3. Standard Size: 5/8"-27 UNS > Receptacle and Mating Pair → 3. Standard Size: 5/8"-27 UNS > Receptacle and Mating Pair → 4. Standard Size: 5/8"-27 UNS > Receptacle and Mating Pair → 4. Standard Size: 5/8"-27 UNS > Receptacle and Mating Pair → 4. Standard Size: 5/8"-27 UNS > Receptacle and Mating Pair → 4. Standard Size: 5/8"-27 UNS > Receptacle and Mating Pair → 4. Standard Size: 5/8"-27 UNS > Receptacle and Mating Pair → 4. Standard Size: 5/8"-27 UNS > Receptacle and Mating Pair → 5/8 UNS - 5/8"-27 UNS - 5/8"-27 UNS > Receptacle and Mating Pair → 5/8 UNS - 5/8"-27 UNS - 5/8"-27

• Male	Male Connector (Housing)		Receptacle	> Overmolded with Cable	> Field Installable
• Male	Contacts		Front Fastened		
• Push	Lock				
			Rear Fastened		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-QL8D <u>XX</u> * BD- 2 AFMM-QR8D <u>XX</u> *	BD- 2 BFMA-QL8 <u>X¹X²</u> 0**
Data	10A (BB)	02,03	BB- 2 RMFS-QC8001 BB- 2 PMFS-QC8001	BB- 2 AFMM-QL8D <u>XX</u> * BB- 2 AFMM-QR8D <u>XX</u> *	-
Power	5A (BD)	03	BD-03RMFS-QC800P BD-03PMFS-QC800P	BD-03AFMM-QL8E <u>XX</u> * BD-03AFMM-QR8E <u>XX</u> *	-
i owei	10A (BB)	02,03	BB- 2 RMFS-QC800P BB- 2 PMFS-QC800P	BB- 2 AFMM-QL8E <u>XX</u> * BB- 2 AFMM-QR8E <u>XX</u> *	BB- 2 BFMA-QL8 <u>X¹X²</u> P**
Hybrid	10A+5A (BBD)	06	BBD-06RMFS-QC8001 BBD-06PMFS-QC8001	BBD-06AFMM-QL8F <u>XX</u> * BBD-06AFMM-QR8F <u>XX</u> *	-

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

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

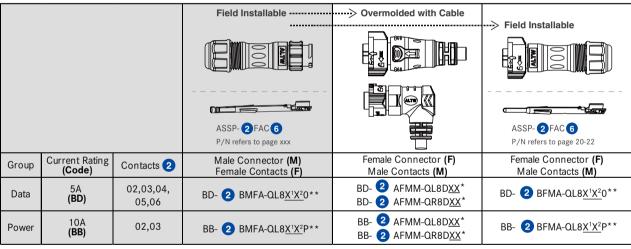
^{**}X¹X²: Seal Size + Package Options e.g. (SN) = Seal S + Connector without Contact

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

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

	Connector (H Contacts Lock	ousing)	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
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-QL8 <u>X¹X²</u> 0**	BD- 2 AFFM-QL8D <u>XX</u> * BD- 2 AFFM-QR8D <u>XX</u> *	BD- 2 BFFA-QL8 <u>X¹X²</u> 0**
Power	10A (BB)	02,03,04	BD- 2 BMMA-QL8 <u>X¹X²</u> P**	BB- 2 AFFM-QL8D <u>XX</u> * BB- 2 AFFM-QR8D <u>XX</u> *	BD- 2 BFFA-QL8 <u>X¹X²</u> P**

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



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

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

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

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

• Male	Male Connector (Housing)		Receptacle	> Overmolded with Cable	> Field Installable
	Contacts		Front Fastened Front Fastened		
• Push	Lock				
			Rear Fastened		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-QL8D <u>XX</u> * CD- 2 AFFM-QR8D <u>XX</u> *	CD- 2 BFFA-QL8 <u>X¹X²</u> 0**
Data	10A (CB)	04,05,06	CB- 2 PMMS-QC8001	CB- 2 AFFM-QL8D <u>XX</u> *	CB- 2 BFFA-QL8 <u>X¹X²</u> 0**
Power	20A (CC)	02,03	CC- 2 PMMS-QC800P	CC- 2 AFFM-QL8E <u>XX</u> * CC- 2 AFFM-QR8E <u>XX</u> *	CC- 2 BFFA-QL8 <u>X¹X²</u> P**
Hybrid	10A+5A (CBD)	08	CBD-08PMMS-QC8001	CBD-08AFFM-QL8F <u>XX</u> * CBD-08AFFM-QR8F <u>XX</u> *	-

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

Male Connector (Housing) Male Contacts Push Lock			Receptacle	Overmolded with Cable	Field Installable
			Rear Fastened		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-QL8D <u>XX</u> * CD- 2 AFMM-QR8D <u>XX</u> *	CD- 2 BFMA-QL8 <u>X¹X²</u> 0**
Data	10A (CB) 04,05		CB- 2 PMFS-QC8001	CB- 2 AFMM-QL8D <u>XX</u> * CB- 2 AFMM-QL8D <u>XX</u> *	CB- 2 BFMA-QL8 <u>X¹X²</u> 0**
Power 20A (CC) 02,03		02,03	CC- 2 PMFS-QC800P	CC- 2 AFMM-QL8E <u>XX</u> * CC- 2 AFMM-QR8E <u>XX</u> *	CC- 2 BFMA-QL8 <u>X¹X²</u> P**
Hybrid	10A+5A (CBD)	08	CBD-08PMFS-QC8001	CBD-08AFMM-QL8F <u>XX</u> * CBD-08AFMM-QR8F <u>XX</u> *	-

 $^{^{\}star}$ XX: Choose the cable length from 01-99 m

X1: Seal Size

X2: Package Options (S) 6.0~8.0mm (M) 8.0~10.0mm (L) 10.0~12.0mm (P) Connector with Contacts

^{**} $\underline{X^1X^2}$: Seal Size + Package Options e.g. (SN) = Seal S + Connector without Contact

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

	Connector (H Contacts Lock	ousing)	Receptacle Front Fastened Rear Fastened	Overmolded with Cable	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-QL8D <u>XX</u> * CD- 2 AFFM-QR8D <u>XX</u> *	CD- 2 BFFA-QL8 <u>X¹X²</u> 0**
Data	10A (CB)	04,05,06	CB- 2 PMMS-QC8001 CB- 2 RMMS-QC8001	CB- 2 AFFM-QL8D <u>XX</u> *	CB- 2 BFFA-QL8 <u>X¹X²</u> 0**
Power	20A (CC)	02,03	CC- 2 PMMS-QC800P CC- 2 RMMS-QC800P	CC- 2 AFFM-QL8E <u>XX</u> * CC- 2 AFFM-QR8E <u>XX</u> *	CC- 2 BFFA-QL8 <u>X¹X²</u> P**
Hybrid	10A+5A (CBD)	08	CBD-08PMMS-QC8001 CBD-08RMMS-QC8001	CBD-08AFFM-QL8F <u>XX</u> * CBD-08AFFM-QR8F <u>XX</u> *	-

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

• Male	Male Connector (Housing)		Receptacle	Overmolded with Cable	> Field Installable
• Fema	ale Contacts		Front Fastened	- 1 888 - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
• Push	Lock				
			Rear Fastened		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-QL8D <u>XX</u> * CD- 2 AFMM-QR8D <u>XX</u> *	CD- 2 BFMA-QL8 <u>X¹X²</u> 0**
Data	10A (CB)	04,05,06	CB- 2 PMFS-QC8001 CB- 2 RMFS-QC8001	CB- 2 AFMM-QL8D <u>XX</u> *	CB- 2 BFMA-QL8 <u>X¹X²</u> 0**
Power	20A (CC)	02,03	CC- 2 PMFS-QC800P CC- 2 RMFS-QC800P	CC- 2 AFMM-QL8E <u>XX</u> * CC- 2 AFMM-QR8E <u>XX</u> *	CC- 2 BFMA-QL8 <u>X¹X²</u> P**
Hybrid	10A+5A (CBD)	08	CBD-08PMFS-QC8001 CBD-08RMFS-QC8001	CBD-08AFMM-QL8F <u>XX</u> * CBD-08AFMM-QR8F <u>XX</u> *	-

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

X¹: Seal Size (S) 6.0~8.0mm (M) 8.0~10.0mm (L) 10.0~12.0mm (C) 10.0~12.0mm (E) 10.0~12.0mm (

sold in bulk individually. For furhter information, please refer to page 20-22.]

 $^{^{**}}X^{1}X^{2}$: Seal Size + Package Options e.g. (SN) = Seal S + Connector without Contact

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

	Connector (H Contacts Lock	ousing)		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
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–QL8 <u>X¹X²</u> 0**	CD- 2 AFFM-QL8D <u>XX</u> * CD- 2 AFFM-QR8D <u>XX</u> *	CD- 2 BFFA-QL8 <u>X¹X²</u> 0**
Butu	10A (CB) 04,05,06		CB- 2 BMMA–QL8 <u>X¹X²</u> 0**	CB- 2 AFFM-QL8D <u>XX</u> *	CB- 2 BFFA-QL8 <u>X¹X²</u> 0**
Power	20A (CC)	02,03	CC- 2 BMMA–QL8 <u>X¹X²</u> P**	CC- 2 AFFM-QL8E <u>XX</u> * CC- 2 AFFM-QR8E <u>XX</u> *	CC- 2 BFFA-QL8 <u>X¹X²</u> 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
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-QL8 <u>X¹X²</u> 0**	CD- 2 AFMM-QL8D <u>XX</u> * CD- 2 AFMM-QR8D <u>XX</u> *	CD- 2 BFMA-QL8 <u>X¹X²</u> 0**
Data	10A (CB) 04,05		CB- 2 BMFA-QL8 <u>X¹X²</u> 0**	CD- 2 AFMM-QL8D <u>XX</u> * CD- 2 AFMM-QR8D <u>XX</u> *	CB- 2 BFMA-QL8 <u>X¹X²</u> 0**
Power	20A (CC)	02,03	CC- 2 BMFA-QL8 <u>X¹X²</u> P**	CC- 2 AFMM-QL8E <u>XX</u> * CC- 2 AFMM-QR8E <u>XX</u> *	CC- 2 BFMA-QL8 <u>X¹X²</u> P**

 $^{^{\}star}$ XX: Choose the cable length from 01-99 m

 x^{1} : Seal Size x^{2} : Pack x^{2} : Pack x^{2} : NO Conf. x^{2} : Conf. x^{2} : Conf. x^{2} : Conf. x^{2} : Pack $x^$

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

^{**} X^1X^2 : Seal Size + Package Options e.g. (SN) = Seal S + Connector without Contact

□ Large Size 1"-20UNEF > In-Line

Male Connector (Housing) Male Contacts Push Lock			Overmolded with Cable	Overmolded with Cable	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-QL8D <u>XX</u> *	DD- ② AFFM-QL8D <u>XX</u> * DD- ② AFFM-QL8D <u>XX</u> *	DD- 2 BFFA-QL8 <u>X¹X²</u> 0**
Power	20A (DC)	02,03,05	DC- 2 AMMM-QL8EXX*	DC- ② AFFM-QL8E <u>XX</u> * DC- ② AFFM-QL8E <u>XX</u> *	DC- 2 BFFA-QL8 <u>X¹X²</u> P**
Hybrid	20A+5A (DCD)	12	DCD- 2 AMMM-QL8FXX*	DCD-2 AFFM-QL8F <u>XX</u> * DCD-2 AFFM-QL8F <u>XX</u> *	-

□ Large Size 1"-20UNEF > In-Line

Male Connector (Housing) Female Contacts Push Lock			Overmolded with Cable	Overmolded with Cable	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-QL8D <u>XX</u> *	DD- ② AFMM-QL8D <u>XX</u> * DD- ② AFMM-QL8D <u>XX</u> *	DD- 2 BFMA-QL8 <u>X¹X²</u> 0**
Power	20A (DC)	02,03,05	DC- 2 AMFM-QL8EXX*	DC- ② AFMM-QL8E <u>XX</u> * DC- ② AFMM-QL8E <u>XX</u> *	DC- 2 BFMA-QL8 <u>X¹X²</u> P**
Hybrid	20A+5A (DCD)	12	DCD- 2 AMFM-QL8F <u>XX</u> *	DCD-2 AFMM-QL8F <u>XX</u> * DCD-2 AFMM-QL8F <u>XX</u> *	-

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

	Connector (H Contacts Lock	ousing)	Receptacle Front Fastened Rear Fastened	Overmolded with Cable	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-QL8D <u>XX</u> * DD- ② AFFM-QR8D <u>XX</u> *	DD- 2 BFFA-QL8 <u>X¹X²</u> 0**
Power	10A (DC)	02,03,05	DC- 2 PMMS-QC800P DC- 2 RMMS-QC800P	DC- 2 AFFM-QL8D <u>XX</u> *	DC- 2 BFFA-QL8 <u>X¹X²</u> P**
Hybrid	20A+5A (DCD)	12	DCD-2 PMMS-QC8001 DCD-2 RMMS-QC8001	DCD-2 AFFM-QL8E <u>XX</u> * DCD-2 AFFM-QR8E <u>XX</u> *	-

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

Male Connector (Housing) Female Contacts Push Lock			Receptacle Front Fastened Rear Fastened	Overmolded with Cable	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-QL8D <u>XX</u> * DD- ② AFMM-QR8D <u>XX</u> *	DD- 2 BFMA-QL8 <u>X¹X²</u> 0**
Power 10A (DC) 02,03,05		02,03,05	DC- 2 PMFS-QC800P DC- 2 RMFS-QC800P	DC- 2 AFMM-QL8D <u>XX</u> *	DC- 2 BFMA-QL8 <u>X¹X²</u> P**
Hybrid	20A+5A (DCD)	12	DCD- 2 PMFS-QC8001 DCD- 2 RMFS-QC8001	DCD-2 AFMM-QL8E <u>XX</u> * DCD-2 AFMM-QR8E <u>XX</u> *	-

 $^{^{\}star}\underline{XX}\!:$ Choose the cable length from 01-99 m

^{**} X^1X^2 : Seal Size + Package Options e.g. (SN) = Seal S + Connector without Contact

[|] X¹: Seal Size | X²: Package Options | Sonnector without Contact | X¹: Seal Size | X²: Package Options | (N) Connector without Contact | (N) Connector with Contact | (P) Connector with Contacts | (P) Connect

□ Large Size 1"-20UNEF > In-Line

Male Connector (Housing) Male Contacts Push Lock			ASSP-2FAC 6 P/N refers to page xxx	Overmolded with Cable	ASSP 2 FAC 6 P/N refers to page 20-22
Group	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-QL8 <u>X¹X²</u> 0**	DD- 2 AFFM-QL8D <u>XX</u> * DD- 2 AFFM-QR8D <u>XX</u> *	DD- 2 BFFA-QL8 <u>X¹X²</u> 0**
Power	20A (DC)	02,03,05	DC- 2 BMMA-QL8 <u>X¹X²</u> P**	DC- ② AFFM-QL8D <u>XX</u> * DC- ② AFFM-QR8D <u>XX</u> *	DC- 2 BFFA-QL8 <u>X¹X²</u> P**

□ Large Size 1"-20UNEF > In-Line

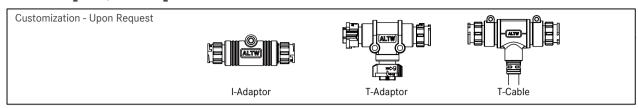
Male Connector (Housing) Female Contacts Push Lock			Field Installable	Overmolded with Cable	Field Installable		
			ASSP-2FAC 6 P/N refers to page xxx		ASSP-2 FAC 6 P/N refers to page 20-22		
Group	Current Rating (Code)	Contacts 2	Male Connector (M) Female Contacts (F)	Female Connector (F) Male Contacts (M)	Female Connector (F) Male Contacts (M)		
Data	5A (DD)	12,14,18	DD- 2 BMFA-QL8 <u>X¹X²</u> 0**	DD- 2 AFMM-QL8D <u>XX</u> * DD- 2 AFMM-QR8D <u>XX</u> *	DD- 2 BFMA-QL8 <u>X¹X²</u> 0**		
Power	10A (DC)	02,03,05	DC- 2 BMFA-QL8 <u>X¹X²</u> P**	DC- ② AFMM-QL8D <u>XX</u> * DC- ② AFMM-QR8D <u>XX</u> *	DC- 2 BFMA-QL8 <u>X¹X²</u> P**		

 $^{^{\}star}\underline{XX}\!:$ Choose the cable length from 01-99 m

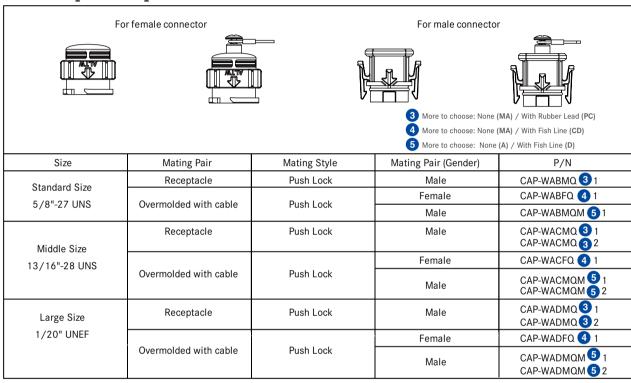
| X¹: Seal Size | X²: Package Options | (S) 8.0 – 10.0mm | (M) 10.0 – 12.0mm | (P) Connector with Ocntact | (P) Connector with Contacts | (L) 12.0 – 14.0mm

^{**} $\underline{X^1X^2}$: Seal Size + Package Options e.g. (SN) = Seal S + Connector without Contact

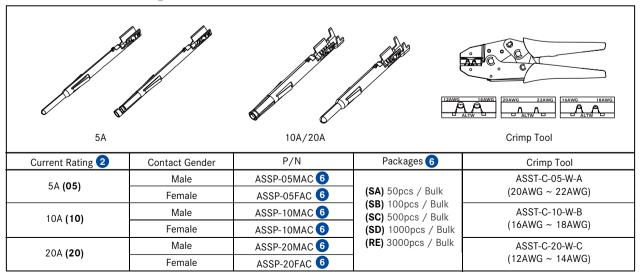
□ I-Adaptor, T-Adaptor & T-Cable



□ Waterproof Cap



∠ Contacts & Crimp Tool



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