



CATALOGUE

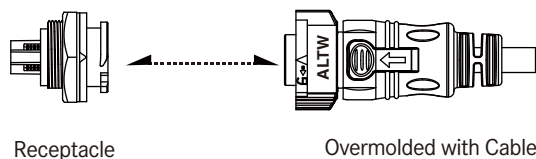
X-Lok Connector



- Haptic
- Blind Mating
- Push-to-Connector
- Easy and Fast Disconnect

Range Overview

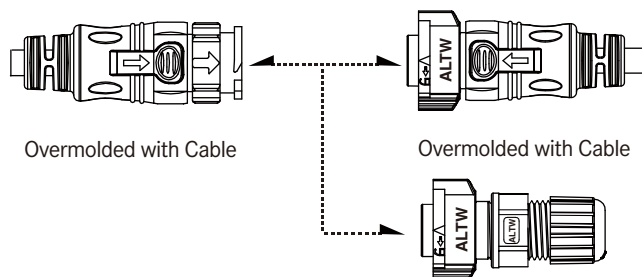
Receptacle to Overmolded with Cable



Receptacle

Overmolded with Cable

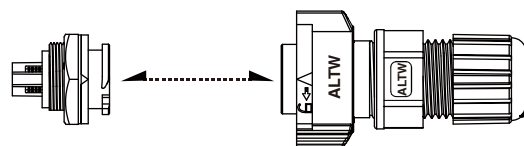
In Line



Overmolded with Cable

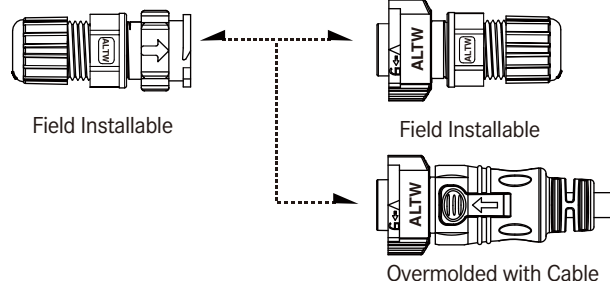
Overmolded with Cable

Receptacle to Field Installable



Receptacle

Field Installable



Field Installable

Field Installable

Overmolded with Cable

Specification

Identifications	C Size (Middle Size: 13/16"-28 UNS)
Description	Receptacle Overmolded with Cable Field Installable
Current Rating / Data	20A
Material	Contacts: Copper Alloy, Tin & Gold Plated Connector Body (Housing) : Nylon+GF, UL Recognized
Waterproof Rating	IP67
Temperature Range	Receptacle: -40°C ~ +105°C Overmolded with Cable: -20°C~80°C Field Installable: -40°C~ +105°C
Contact Resistance	≤ 10mΩ
Insulation Resistance	≥ 100mΩ at DC500V
Durability	500 cycles
Breakdown Voltage	≥ AC 1600V / 1 minute
More to know	Salt Spray Corrosion Test: 12H Standard cable length: 01~99M

Ordering Information

1 2 3 4 5 6 7 8 9 10

Specification / Current Rating
(SCC) 20A

Number of Contacts
 03
 EX. **(03)** = 3 Contacts

Connector Body (Style)

> For Receptacle	> For Overmolded with Cable	> For Field installable
(R) Rear Fastened	(M) With Strain Relief	(F) Without Strain Relief

Connector (Housing) Gender
(M) Male Connector **(F)** Female Connector

Contact Gender
(S) Male
(P) Female

Assemble Style

> For Receptacle	> For Overmolded with Cable
(S) Solder Type	(S) Solder Type
	> For Field Installable
	(C) Crimp Type

Mating Style
(Q) Push Lock (Sprind loaded nut)

Backshell

> For Receptacle	> For Overmolded with Cable	> For Field Installable
(C) Circular	(L) Straight	(L) Straight
	(R) Right Angle (Avaible soon)	

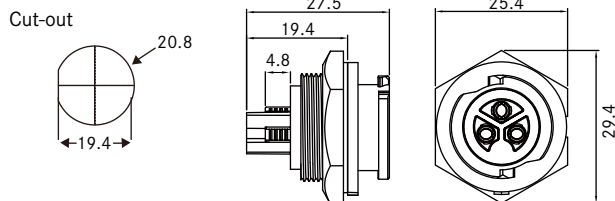
Waterproof Rating
(7) IP 67

More Information

> For Receptacle	> For Overmolded with Cable								
(001), (002).....	(□)+(■) : Cable Type + Cable Length								
Without Cable :	EX. (A01) = UL2464 Cable + 1M								
Different Versions									
	<table border="0"> <tr> <td>□ : Cable Type</td> <td>■ : Cable Length</td> </tr> <tr> <td>(A) UL2464 Cable</td> <td>From 1M to 99M</td> </tr> <tr> <td>(B) UL2586 Cable</td> <td>EX. (01) = 1M</td> </tr> <tr> <td>(C) Power Cable(TC-ER)</td> <td></td> </tr> </table>	□ : Cable Type	■ : Cable Length	(A) UL2464 Cable	From 1M to 99M	(B) UL2586 Cable	EX. (01) = 1M	(C) Power Cable(TC-ER)	
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(A) UL2464 Cable	From 1M to 99M								
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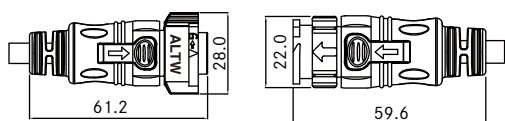
Physical Dimension

Receptacle

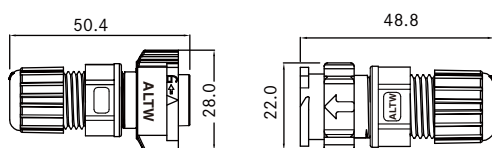


* Maximum Panel Thickness: 4.2mm | Solder PIN: 12Awg ~ 14Awg

Overmolded with Cable



Field Installable



Cable OD Range : 4.0mm ~ 9.6mm
 Dimensions are shown in millimeters

Contact Configuration

	Middle Size					
	20A					
4 5	MM or FF			MF or FM		
3 Pin						
	R	C	F	R	C	F

R: Receptacle

C: Overmolded with Cable

F: Field Installable

20A (SCC)

1

Number of Contacts:

2

Ex.3 contacts (03)

Connector (Housing) Gender:

4

Male (M) or Female (F)

Contact Gender:

5

Male (S) or Female (P)

More to Choose:

6

• Solder (S)

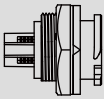
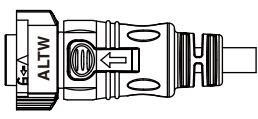
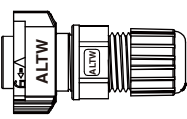


* More available: 1. The plating to gold or tin
 2. Plated thickness

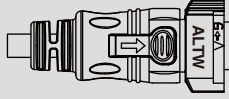
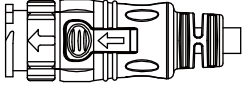
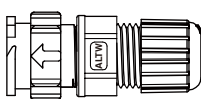
* Design and specification are subject to change without notice.

Find Our Standard Products

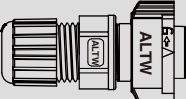
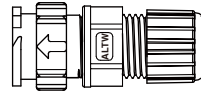
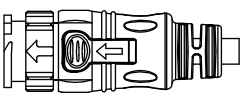
Receptacle and Mating Pair

• Male Connector • Push Lock (Sprind loaded nut)		Receptacle 	Overmolded with Cable 	Field Installable 
		** Selecting the cable length:01-99		
Current Rating (Code)	Contacts	Male Connector (M)	Female Connector (F)	Female Connector (F)
20A (SCC)	03	SCC- 03RMPS-QC7001	SCC- 03MFSS-QL70**	SCC- 03FFSC-QC7001

In-line

• Female Connector • Push Lock (Sprind loaded nut)		Overmolded with Cable 	Overmolded with Cable 	Field Installable 
		** Selecting the cable length:01-99		
Current Rating (Code)	Contacts	Female Connector (F)	Male Connector (M)	Male Connector (M)
20A (SCC)	03	SCC- 03MFSS-QL70**	SCC- 03MMPS-QL70**	SCC- 03FMPC-QC7001

In-line

• Female Connector • Push Lock (Sprind loaded nut)		Field Installable 	Field Installable 	Overmolded with Cable 
		** Selecting the cable length:01-99		
Current Rating (Code)	Contacts	Female Connector (F)	Male Connector (M)	Male Connector (M)
20A (SCC)	03	SCC- 03FFSC-QL7001	SCC- 03FMPC-QC7001	SCC- 03MMPS-QL70**

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