



CATALOGUE

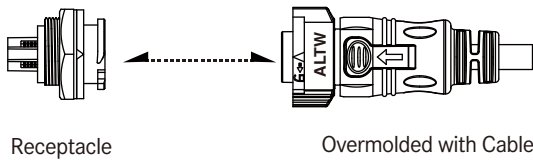
X-Lok Connector



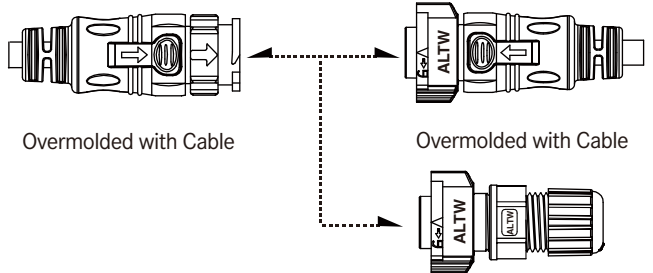
- Haptic
- Blind Mating
- Push-to-Connector
- Easy and Fast Disconnect

Range Overview

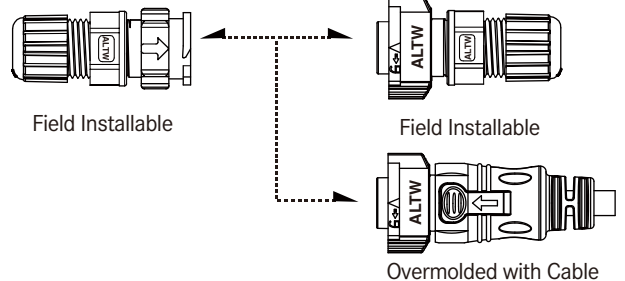
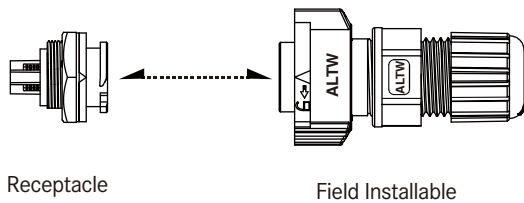
Receptacle to Overmolded with Cable



In Line



Receptacle to Field Installable



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

(R) Rear Fastened

> For Overmolded with Cable

(M) With Strain Relief

> For Field installable

(F) Without Strain Relief

Connector (Housing) Gender
(M) Male Connector

(F) Female Connector

Contact Gender
(S) Male

(P) Female

Assemble Style

> For Receptacle

(S) Solder Type

> For Overmolded with Cable

(S) Solder Type

> For Field Installable

(C) Crimp Type

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

Backshell

> For Receptacle

(C) Circular

> For Overmolded with Cable

(L) Straight

(R) Right Angle (Avaible soon)

> For Field Installable

(L) Straight

Waterproof Rating
(7) IP 67

More Information

> For Receptacle

(001), (002).....

Without Cable :

Different Versions

> For Overmolded with Cable

+ : Cable Type + Cable Length
EX. **(A01)** = UL2464 Cable + 1M
 : Cable Type

(A) UL2464 Cable

(B) UL2586 Cable

(C) Power Cable(TC-ER)

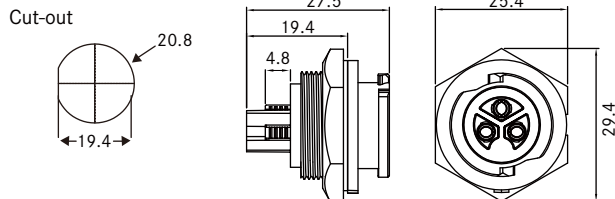
 : Cable Length

From 1M to 99M

EX. **(01)** = 1M

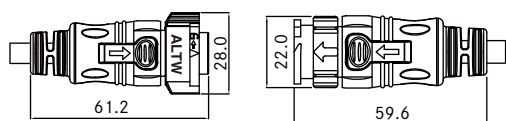
Physical Dimension

Receptacle

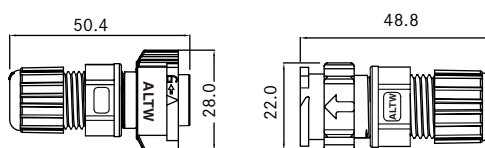


* Maximum Panel Thickness: 4.2mm | Solder PIN: 12Awg ~ 14Awg

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**)

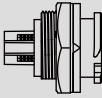
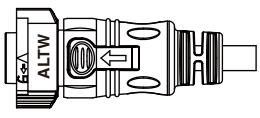
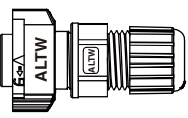


* More available: 1. The plating to gold or tin
 2. Plated thickness

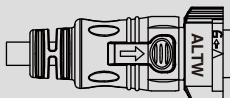
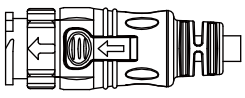
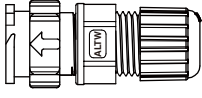
* Design and specification are subject to change without notice.

Find Our Standard Products

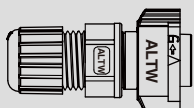
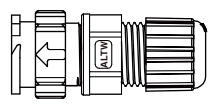
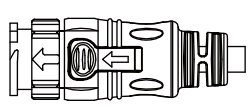
Receptacle and Mating Pair

<ul style="list-style-type: none"> • Male Connector • Push Lock (Sprind loaded nut) 		<p>Receptacle</p> 	<p>Overmolded with Cable</p> 	<p>Field Installable</p> 
		<p>** Selecting the cable length:01-99</p>		
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

<ul style="list-style-type: none"> • Female Connector • Push Lock (Sprind loaded nut) 		<p>Overmolded with Cable</p> 	<p>Overmolded with Cable</p> 	<p>Field Installable</p> 
		<p>** Selecting the cable length:01-99</p>		
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

<ul style="list-style-type: none"> • Female Connector • Push Lock (Sprind loaded nut) 		<p>Field Installable</p> 	<p>Field Installable</p> 	<p>Overmolded with Cable</p> 
		<p>** Selecting the cable length:01-99</p>		
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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