

## CATALOGUE

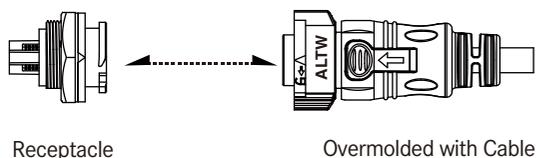
# X-Lok Connector



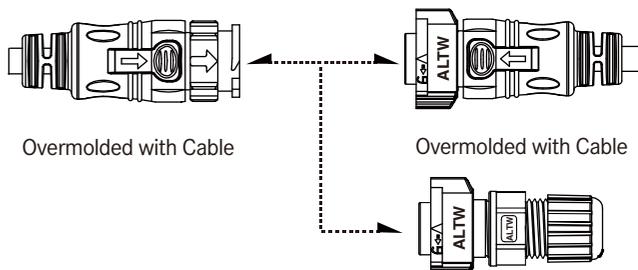
- Haptic
- Blind Mating
- Push-to-Connector
- Easy and Fast Disconnect

## Range Overview

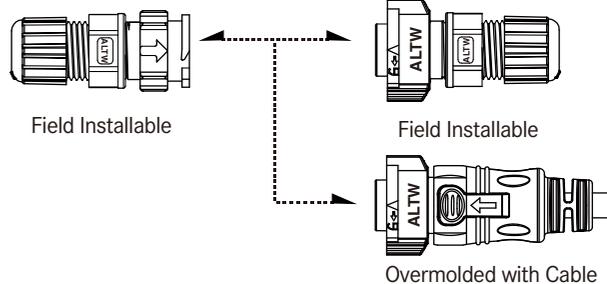
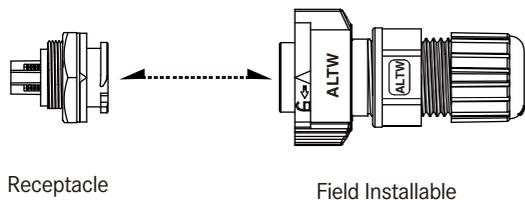
### Receptacle to Overmolded with Cable



### In Line



### Receptacle to Field Installable



# Specification

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

(P) Female (Stamp)

## 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)

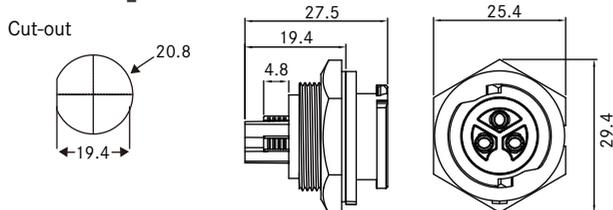
■ : Cable Length

From 1M to 99M

EX. (01) = 1M

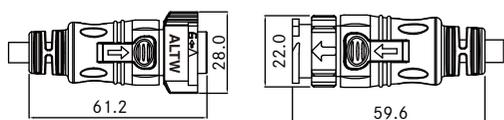
## Physical Dimension

### Receptacle

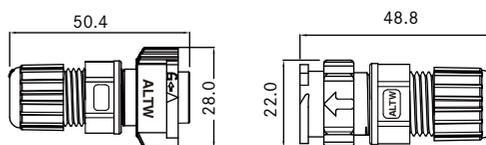


\* Maximum Panel Thickness: 4.2mm | Solder PIN: 12Awg ~ 14Awg

### 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)

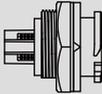
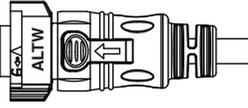
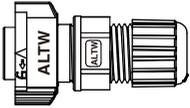
**More to Choose:** 6  
 • Solder (S)

\* More available: The Plating to Tin or Gold.

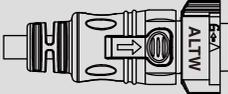
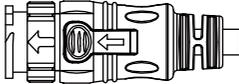
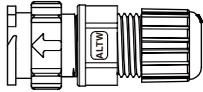
\* Design and specification are subject to change without notice.

## Find Our Standard Products

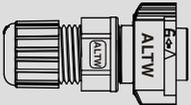
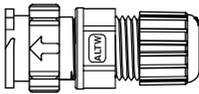
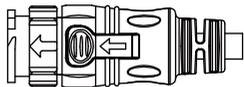
### ↘ Receptacle and Mating Pair

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

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

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