

# LARGE SERIES

## CHOGORI

### Large Series Specifications

#### Large Series, Male Connector & Female Pin

**Description** Field Installable, 180°  
Lock Bayonet Type, Solder

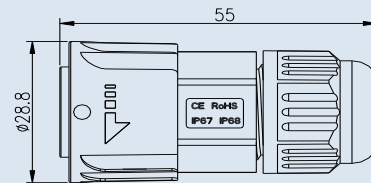
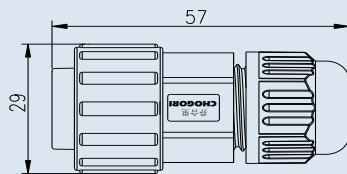
**Figure**



**Description** Field Installable, 180°  
Push Lock Type, Solder



**Drawing**



**Part-No.**

Contacts	Cable Range(mm)	Part Number	Contacts	Cable Range(mm)	Part Number
2	4.5 - 6.5	24002221-01	2	4.5 - 6.5	24002231-01
	6.5 - 10.5	24002221-02		6.5 - 10.5	24002231-02
3(20A)	4.5 - 6.5	24003221-01	3(20A)	4.5 - 6.5	24003231-01
	6.5 - 10.5	24003221-02		6.5 - 10.5	24003231-02
3(50A)	4.5 - 6.5	24003221-03	3(50A)	4.5 - 6.5	24003231-03
	6.5 - 10.5	24003221-04		6.5 - 10.5	24003231-04
9	4.5 - 6.5	24009221-01	9	4.5 - 6.5	24009231-01
	6.5 - 10.5	24009221-02		6.5 - 10.5	24009231-02
18	4.5 - 6.5	24018221-01	18	4.5 - 6.5	24018231-01
	6.5 - 10.5	24018221-02		6.5 - 10.5	24018231-02
24	4.5 - 6.5	24024221-01	24	4.5 - 6.5	24024231-01
	6.5 - 10.5	24024221-02		6.5 - 10.5	24024231-02
3+9(FM)	4.5 - 6.5	24309221-01	3+9(FM)	4.5 - 6.5	24309231-01
	6.5 - 10.5	24309221-02		6.5 - 10.5	24309231-02
3+11(FM)	4.5 - 6.5	24311221-01	3+11(FM)	4.5 - 6.5	24311231-01
	6.5 - 10.5	24311221-02		6.5 - 10.5	24311231-02

#### Specifications



Number of Contacts	2	3	3	9	18	24	3+9	3+11
Wire Gauge	4.0mm <sup>2</sup> (12AWG)		8.4mm <sup>2</sup> (8AWG)	0.75mm <sup>2</sup> (18AWG)	0.3mm <sup>2</sup> (22AWG)		2.5mm <sup>2</sup> +0.2mm <sup>2</sup> (12AWG+24AWG)	
Cable Range	4.5mm - 6.5mm, 6.5mm - 10.5mm							
Environmental Protection	IP67							
Mechanical Life	500 mating cycles							
Operating Temperature	- 45°C - 105°C							
Voltage Rating	300V	300V	300V	125V	125V	125V	300V	300V
Rated Current (40°C)	20A	20A	50A	5A	5A	5A	20A+5A	20A+5A

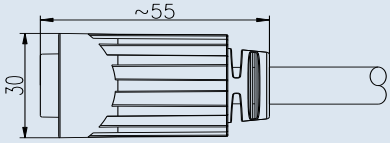
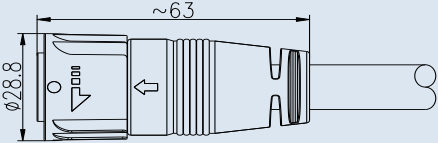
# LARGE SERIES

## CHOGORI

### Large Series Specifications

#### Large Series, Male Connector & Female Pin

Description	Molded with Cable, 180° Lock Bayonet Type, Solder	Molded with Cable, 180° Push Lock Type, Solder
Figure		

Drawing		
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Part-No.	Male Connector (Bayonet Lock)			Female Connector (Push Lock)		
	Contacts	Cable Range(mm)	Part Number	Contacts	Cable Range(mm)	Part Number
	2	Max. 13.0mm	24002223-01-XXX	2	Max. 13.0mm	24002233-01-XXX
	3(20A)	Max. 13.0mm	24003223-01-XXX	3(20A)	Max. 13.0mm	24003233-01-XXX
	3(50A)	Max. 13.0mm	24003223-02-XXX	3(50A)	Max. 13.0mm	24003233-02-XXX
	9	Max. 13.0mm	24009223-01-XXX	9	Max. 13.0mm	24009233-01-XXX
	18	Max. 13.0mm	24018223-01-XXX	18	Max. 13.0mm	24018233-01-XXX
	24	Max. 13.0mm	24024223-01-XXX	24	Max. 13.0mm	24024233-01-XXX
	3+9(FM)	Max. 13.0mm	24309223-01-XXX	3+9(FM)	Max. 13.0mm	24309233-01-XXX
	3+11(FM)	Max. 13.0mm	24311223-01-XXX	3+11(FM)	Max. 13.0mm	24311233-01-XXX

Specifications								
Number of Contacts	2	3	3	9	18	24	3+9	3+11
Wire Gauge	4.0mm <sup>2</sup> (12AWG)		8.4mm <sup>2</sup> (8AWG)	0.75mm <sup>2</sup> (18AWG)	0.3mm <sup>2</sup> (22AWG)		2.5mm <sup>2</sup> +0.2mm <sup>2</sup> (12AWG+24AWG)	
Cable Range	4.5mm - 13.0mm							
Environmental Protection	IP67							
Mechanical Life	500 mating cycles							
Operating Temperature	- 40°C - 80°C							
Voltage Rating	300V	300V	300V	125V	125V	125V	300V	300V
Rated Current (40°C)	20A	20A	50A	5A	5A	5A	20A+5A	20A+5A

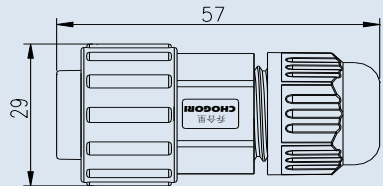
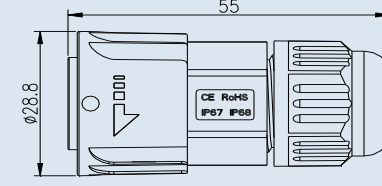
# LARGE SERIES

## CHOGORI

### Large Series Specifications

#### Large Series, Male connector & Male Pin

Description	Field Installable, 180° Lock Bayonet Type, Solder	Field Installable, 180° Push Lock Type, Solder
Figure		

Drawing		
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Part-No.	Black Connector			Blue Connector		
	Contacts	Cable Range(mm)	Part Number	Contacts	Cable Range(mm)	Part Number
	2	4.5 - 6.5	24002121-01	2	4.5 - 6.5	24002131-01
		6.5 - 10.5	24002121-02		6.5 - 10.5	24002131-02
	3(20A)	4.5 - 6.5	24003121-01	3(20A)	4.5 - 6.5	24003131-01
		6.5 - 10.5	24003121-02		6.5 - 10.5	24003131-02
	3(50A)	4.5 - 6.5	24003121-03	3(50A)	4.5 - 6.5	24003131-03
		6.5 - 10.5	24003121-04		6.5 - 10.5	24003131-04
	9	4.5 - 6.5	24009121-01	9	4.5 - 6.5	24009131-01
		6.5 - 10.5	24009121-02		6.5 - 10.5	24009131-02
	18	4.5 - 6.5	24018121-01	18	4.5 - 6.5	24018131-01
		6.5 - 10.5	24018121-02		6.5 - 10.5	24018131-02
	3+9(MF)	4.5 - 6.5	24309121-01	3+9(MF)	4.5 - 6.5	24309131-01
		6.5 - 10.5	24309121-02		6.5 - 10.5	24309131-02
	3+11(MF)	4.5 - 6.5	24311121-01	3+11(MF)	4.5 - 6.5	24311131-01
		6.5 - 10.5	24311121-02		6.5 - 10.5	24311131-02

Specifications							
Number of Contacts	2	3	3	9	18	3+9	3+11
Wire Gauge	4.0mm <sup>2</sup> (12AWG)		8.4mm <sup>2</sup> (8AWG)	0.75mm <sup>2</sup> (18AWG)	0.3mm <sup>2</sup> (22AWG)	2.5mm <sup>2</sup> + 0.2mm <sup>2</sup> (12AWG+24AWG)	
Cable Range	4.5mm - 6.5mm, 6.5mm - 10.5mm						
Environmental Protection	IP67						
Mechanical Life	500 mating cycles						
Operating Temperature	- 45°C - 105°C						
Voltage Rating	300V	300V	300V	125V	125V	300V	300V
Rated Current (40°C)	20A	20A	50A	5A	5A	20A+5A	20A+5A

# LARGE SERIES

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### Large Series Specifications

#### Large Series, Male connector & Male Pin

**Description** Molded with Cable, 180°  
Lock Bayonet Type, Solder

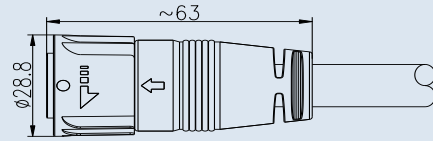
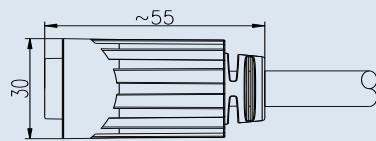
**Figure**



**Description** Molded with Cable, 180°  
Push Lock Type, Solder



**Drawing**



**Part-No.**

Contacts	Cable Range(mm)	Part Number	Contacts	Cable Range(mm)	Part Number
2	Max. 13.0mm	24002123-01-XXX	2	Max. 13.0mm	24002133-01-XXX
3(20A)	Max. 13.0mm	24003123-01-XXX	3(20A)	Max. 13.0mm	24003133-01-XXX
3(50A)	Max. 13.0mm	24003123-02-XXX	3(50A)	Max. 13.0mm	24003133-02-XXX
9	Max. 13.0mm	24009123-01-XXX	9	Max. 13.0mm	24009133-01-XXX
18	Max. 13.0mm	24018123-01-XXX	18	Max. 13.0mm	24018133-01-XXX
3+9(MF)	Max. 13.0mm	24309123-01-XXX	3+9(MF)	Max. 13.0mm	24309133-01-XXX
3+11(MF)	Max. 13.0mm	24311123-01-XXX	3+11(MF)	Max. 13.0mm	24311133-01-XXX

#### Specifications

Number of Contacts	2	3	3	9	18	3+9	3+11
Wire Gauge	4.0mm <sup>2</sup> (12AWG)		8.4mm <sup>2</sup> (8AWG) ; 0.75mm <sup>2</sup> (18AWG)		0.3mm <sup>2</sup> (22AWG)	2.5mm <sup>2</sup> + 0.2mm <sup>2</sup> (12AWG+24AWG)	
Cable Range	4.5mm - 13.0mm						
Environmental Protection	IP67						
Mechanical Life	500 mating cycles						
Operating Temperature	- 40°C - 80°C						
Voltage Rating	300V	300V	300V	125V	125V	300V	300V
Rated Current (40°C)	20A	20A	50A	5A	5A	20A+5A	20A+5A