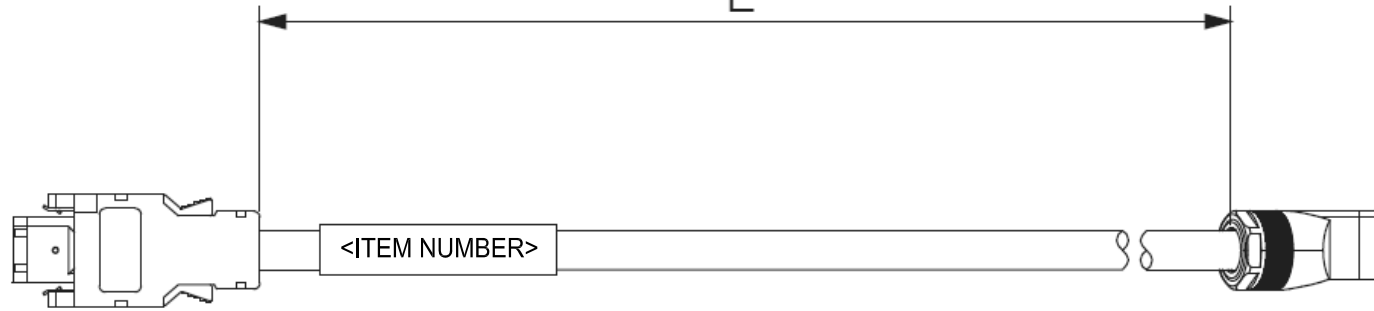


# EXTERNAL DIMENSIONS:

SERVOPACK end

Encoder end

L



The recommended bend radius is 15mm or larger.

## SERVOPACK END CONNECTOR

Type	Standard Connector Kit
Inquires	Yaskawa Controls Co., Ltd.
Manufacturer	Molex Incorporated
Order Number	JZSP-CMP9-1-E
Specifications	55100-0670 (soldered) Product specifications: PS-54280
External Dimensions [mm]	

## RAW CABLE

Item	Standard Cable
Order Number*	JZSP-CMP09-□□-E (maximum length: 20 m)
Specifications	UL20276 (rated temperature: 80°C) AWG22 × 2C + AWG24 × 2P  AWG22 (0.33 mm <sup>2</sup> ) Outer diameter of insulating sheath: 1.15 mm  AWG24 (0.20 mm <sup>2</sup> ) Outer diameter of insulating sheath: 1.09 mm
Finished Diameter	6.5 mm
Internal Structure and Lead Colors	

\* Replace the boxes (□□) in the order number with the cable length (05, 10, 15, or 20).

## ENCODER END CONNECTOR

Order Number	JZSP-C7P9-1-E
Manufacturer	Molex Incorporated
Components	504678-0070 Loose Connectors: 56161-8181 (crimped), Reeled: 56161-8081 (crimped)
Applicable Wire Sizes	AWG22 to AWG26
Applicable Cable Diameter	6.3 mm to 7.7 mm
Outer Diameter of Insulating Sheath	1.05 mm to 1.4 mm
Mounting Screws	M2 pan-head screws (two)
Application Specifications	AS-504682
Crimping Specifications	CS-56161
Crimping Tool*	Hand Tool 57175-5000
Shell Caulking Tool	57331-5100
External Dimensions [mm]	<p>■ Cable Installed away from Load</p>

\* A Crimping Tool is required. When using other wire sizes, contact the connector manufacturer for crimping tools.

ITEM NUMBER	L=Length
JZSP-C7PI0E-03-E	3000
JZSP-C7PI0E-05-E	5000
JZSP-C7PI0E-10-E	10000
JZSP-C7PI0E-15-E	15000
JZSP-C7PI0E-20-E	20000

## WIRING SPECIFICATIONS

SERVOPACK end		Encoder (motor) end	
Pin	Signal	Pin	Wire Color
6	/PS	5	Light blue/white
5	PS	4	Light blue
4	BAT (-)	8	Orange/white
3	BAT (+)	9	Orange
2	PG 0 V	3	Black
1	PG 5 V	6	Red
Shell	FG	Shell	FG

Shield wire

REV	DESCRIPTION	DATE	DRAWN BY
0	Initial Release	12/20/2018	E. SONDERMAN

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<p>ITEM #: JZSP-C7PI0E-xx-E (xx = See Chart)</p>		
SCALE: NTS	UNITS: mm	SHEET: 1/1
DRAWING #:		<b>CAD-JZSP-C7PI0E-xx-E</b>