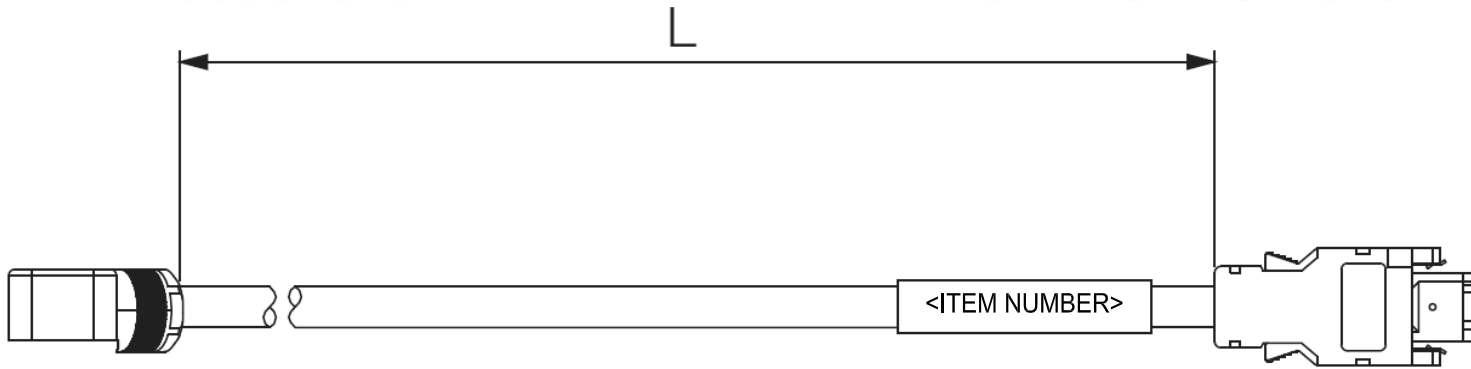


EXTERNAL DIMENSIONS:

Encoder end

SERVOPACK end



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 ²) Outer diameter of insulating sheath: 1.15 mm AWG24 (0.20 mm ²) 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	504673-0070 Loose Connectors: 56161-3181 (crimped), Rooled: 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]	

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

ITEM NUMBER	L=Length
JZSP-C7PI0D-03-E	3000
JZSP-C7PI0D-05-E	5000
JZSP-C7PI0D-10-E	10000
JZSP-C7PI0D-15-E	15000
JZSP-C7PI0D-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

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

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<p>TITLE: SGM7J7A-A5 to -10, SGM7P-01 to 04 Servomotor Encoder Cable, Incremental Or Batteryless Absolute, Toward Load, Non-Flex, Shielded.</p>								
<p>ITEM #: JZSP-C7PI0D-xx-E (xx = See Chart)</p>		<table border="1"> <tr> <td>SIZE</td> <td>REVISION</td> <td>PAGE</td> </tr> <tr> <td>-</td> <td>0</td> <td>1 of 1</td> </tr> </table>	SIZE	REVISION	PAGE	-	0	1 of 1
SIZE	REVISION	PAGE						
-	0	1 of 1						
<p>DRAWING #: CAD-JZSP-C7PI0D-xx-E</p>		<p>SCALE: NTS UNITS: mm SHEET: 1/1</p>						