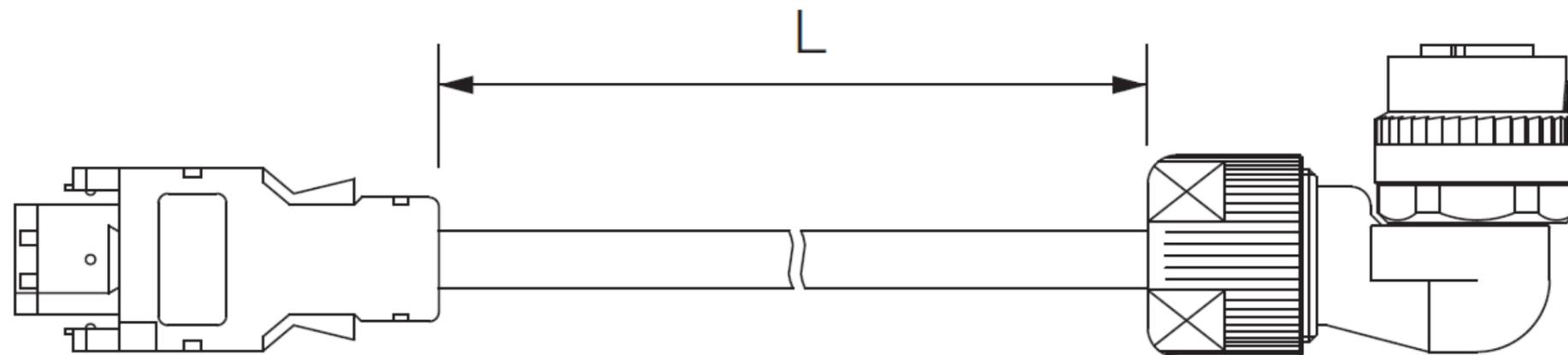


# EXTERNAL DIMENSIONS:

SERVOPACK end

Encoder end



The recommended bend radius is 15mm or larger.

## SERVOPACK END CONNECTOR

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

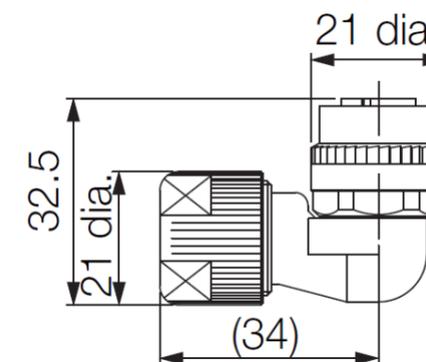
## RAW CABLE

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	

## MOTOR END CONNECTOR

Order Number	Specification	External Dimensions	Manufacturer
JZSP-CVP9-2-E	<ul style="list-style-type: none"> <li>Plug: CM10-AP10S-M-D</li> <li>Contacts: Crimped</li> <li>CM10-#22SC(C4)-100</li> <li>Applicable cable diameter: 6.0 mm to 9.0 mm</li> </ul>		DDK Ltd.

## MOTOR END CONNECTOR DIMENSIONS



## WIRING SPECIFICATIONS

SERVOPACK end		Encoder (motor) end	
Pin	Signal	Pin	Wire Color
6	/PS	2	Light blue/white
5	PS	1	Light blue
4	BAT(-)	5	Orange/white
3	BAT(+)	6	Orange
2	PG 0V	9	Black
1	PG 5V	4	Red
Shell	FG	10	FG

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

## IMPORTANT NOTES

This cable cannot be used with the SGM7A-70 (7.0 kW).  
Use an Encoder Cable with a Straight Connector, such as JZSP-CVP01-xx-E.

ITEM NUMBER	L = Length
JZSP-CVP02-E	300
JZSP-CVP02-03-E	3000
JZSP-CVP02-05-E	5000
JZSP-CVP02-10-E	10000
JZSP-CVP02-15-E	15000
JZSP-CVP02-20-E	20000

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# YASKAWA

TITLE: SGM7A-15 to -50 (1.5 kW to 5.0 kW) & SGM7G Series Servomotor Encoder Cable & Motor-End Relay Encoder Cable, Incremental or Batteryless Absolute, Away From Load, Non-Flex, Shielded.

ITEM #: JZSP-CVP02-xx-E (xx = See Chart)

SIZE: -      REVISION: 0      PAGE: 1 of 1

SCALE: NTS      UNITS: mm

DRAWING #: CAD-JZSP-CVP02-xx-E

REV	DESCRIPTION	DATE	DRAWN BY
0	Initial Release	Nov. 3, 2020	D. LEE