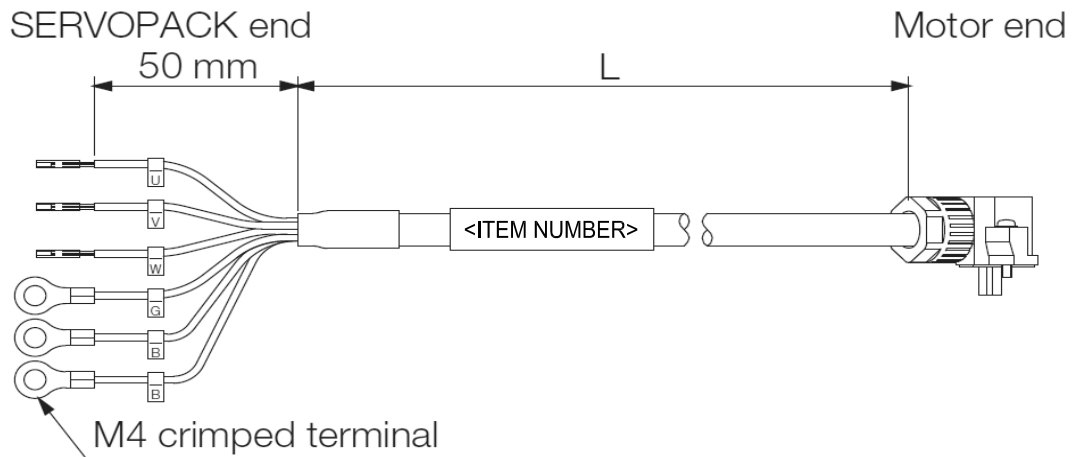


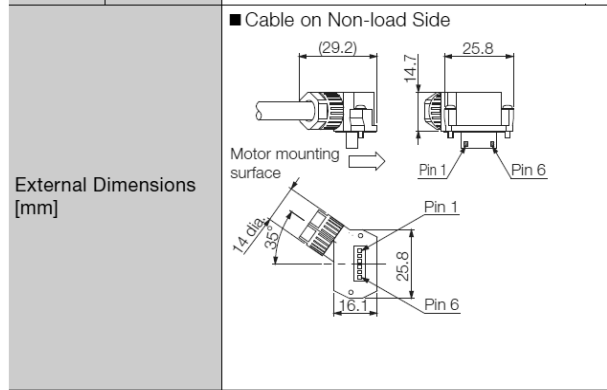
# EXTERNAL DIMENSIONS:



The recommended bend radius is 90mm or larger for moving parts of machines, such as robots.  
The recommended bend radius is 15mm or larger for fixed installations.

## MOTOR END CONNECTOR

Item	Description
Order Number	JZSP-C7M9-1-E
Manufacturer	J.S.T. Mfg. Co., Ltd.
User Instructions	JFA Connector J-1700
Compo- nents	Receptacle J17S-06FMH-7KL-M-CF Contacts SJ1F-01GF-P0.8
Applicable Wire Sizes	Power terminals: AWG20 Holding brake terminals: AWG20 to AWG24
Applicable Cable Diameter	7 mm ±0.3 mm
Outer Diameter of Insulating Sheath	1.11 mm to 1.53 mm
Mounting Screws	M2 pan-head screws
Crimp- ing Tool*	Hand Tool YRS-8841 Applicator APLMK SJ1F/M01-08



\* A Crimping Tool is required. Contact the connector manufacturer for details.

## RAW CABLE

Item	Flexible Cable
Order Number*	JZSP-C7M29-□□-E (maximum length: 50 m)
Specifications	UL2517 (rated temperature: 105°C) AWG20 × 4C, AWG22 × 2C Power lines: AWG20 (0.52 mm <sup>2</sup> ) Outer diameter of insulating sheath: 1.37 mm Holding brake lines: AWG22 (0.33 mm <sup>2</sup> ) Outer diameter of insulating sheath: 1.37 mm
Finished Diameter	7 mm ±0.3 mm
Internal Structure and Lead Colors	

\* Replace the boxes (□□) in the order number with the cable length (05, 10, 15, 20, 30, 40, or 50).

## WIRING SPECIFICATIONS

SERVOPACK Leads		Servomotor Connector	
Wire Color	Signal	Signal	Pin
Green/yellow	FG	FG	1
Blue	Phase W	Phase W	2
White	Phase V	Phase V	3
Red	Phase U	Phase U	4
Black	Brake	Brake	5
Black	Brake	Brake	6

Note: There is no polarity for the connection to the holding brake.

ITEM NUMBER	L=Length
JZSP-C7M14G-03-E	3000
JZSP-C7M14G-05-E	5000
JZSP-C7M14G-10-E	10000
JZSP-C7M14G-15-E	15000
JZSP-C7M14G-20-E	20000
JZSP-C7M14G-30-E	30000
JZSP-C7M14G-40-E	40000
JZSP-C7M14G-50-E	50000

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

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	<p>TITLE: SGM7J7A-A5 to -C2. 50W to 150W Servomotor Power Cable, Brake, Away From Load, Flexible, Non-Shielded</p>		
	<p>ITEM #: JZSP-C7M14G-xx-E (xx = See Chart)</p>		
	<p>SCALE: NTS</p>	<p>UNITS: mm</p>	<p>SHEET: 1/1</p>

**CAD-JZSP-C7M14G-xx-E**