

DWG.NO. HW1386420

RoHS



SOCKET: DF62WC-9S-2.2C (HIROSE ELCTRIC)
 SOCKET TERMINAL: DF62W-2226SCFA (GOLD PLATED)
 MATES WITH
 PLUG: DF62W-9EP-2.2C
 PLUG TERMINAL: DF62W-2226PCFA (GOLD PLATED)

ENCODER CABLE CONNECTION

1	PS1 (MASTER)	BLUE
2	BAT0V	BLACK (UL1430:AWG24)
3	PG5V	RED
4	*PS1 (MASTER)	GRAY
5	BAT3.6V	RED (UL1430:AWG24)
6	PG0V	BLACK
7	FG	DRAIN WIRE
8	*PS2 (SLAVE)	WHITE
9	PS2 (SLAVE)	GREEN

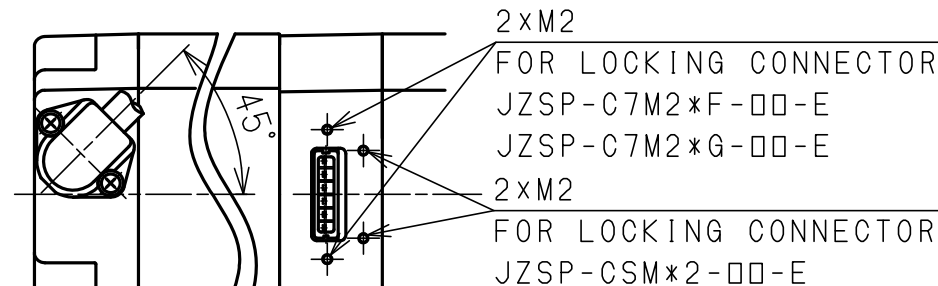
SOCKET: DF62WC-9S-2.2C
 (HIROSE ELECTRIC)

MOTOR CABLE CONNECTION

1	FRAME GROUND
2	PHASE W
3	PHASE V
4	PHASE U
5	BRAKE
6	BRAKE

MOTOR CABLE CONNECTOR

NOTES 5 SHIELD COPPER FOIL TAPE
 CONNECT TO FG OF THE
 OTHER SIDE LEAD



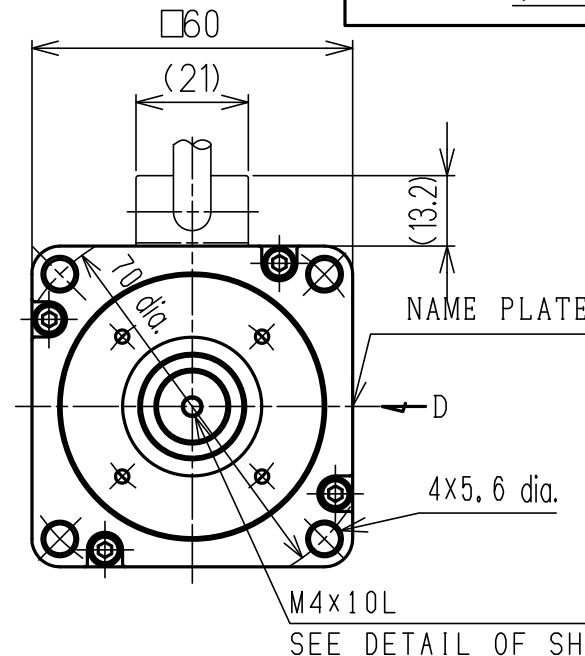
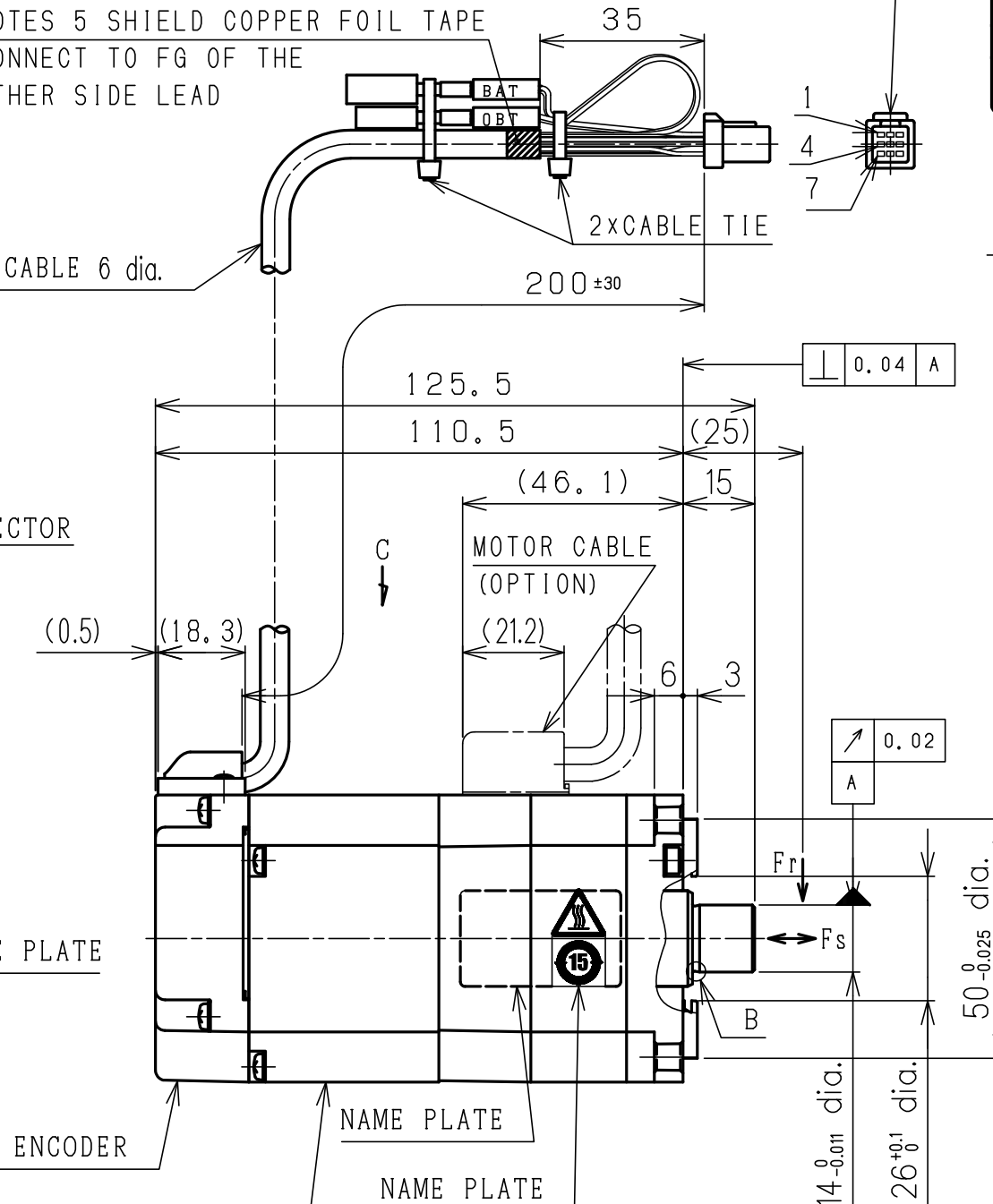
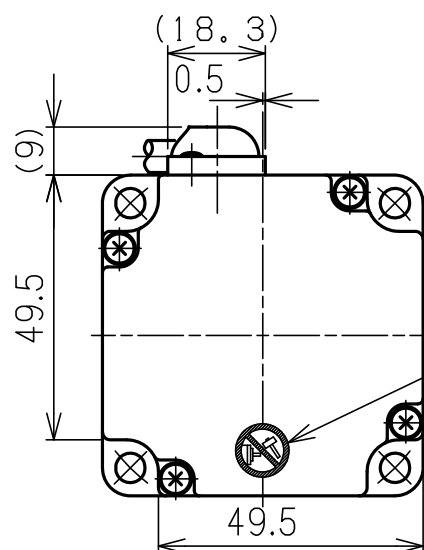
VIEW C

0.5~1.5

0.1~0.2

DETAIL OF B (SCALE 5:1)

DETAIL OF SHAFT EXTENTION
 (SCALE 2:1)



VIEW D

NOTES

- ALL DIMENSIONS ARE IN MILLIMETERS.
- MOTOR SPECIFICATIONS : 900-193-450
- ENCODER TYPE : UTTAI-B20RT
 THIS ENCODER IS MULTI-DROP SPECIFICATION AND SUPPORTS SAFETY FUNCTION.
- DEGREES OF PROTECTION: IP65 EXCEPT FOR SHAFT OPENING AND MOTOR CABLE CONNECTION AND THE END OF ENCODER CABLE.
- GROUND THE SHIELD AT THE END OF ENCODER CABLE TO ENSURE NOISE TOLERANCE.
 PROTECT THE CONNECTOR PART AND SINGLE LEAD WIRE PART WITH SHIELD.
- MOTOR CABLE IS OPTIONAL.

INSERTION PINS TERMINAL CONNECTION (NICHIFU)

BAT	3.6V (BATTERY)	RED+BROWN	PG-2005M
OBT	0V (BATTERY)	BLACK+YELLOW	PG-2005F

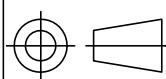
TYPE	RATED OUTPUT W	RATED TORQUE N·m	TIME RATING	RATED SPEED min ⁻¹	MAX SPEED min ⁻¹	RATED CURRENT Arms	WEIGHT kg	ALLOWABLE RADIAL LOAD Fr N	ALLOWABLE THRUST LOAD Fs N
SGM7J-02APK-YR11	200	0.83	CONT.	2300	7000	2.0	1.4	245	74

HOLDING BRAKE SPECIFICATIONS

STATIC FRICTION TORQUE N·m	VOLTAGE V	CAPACITY W
0.83 OR MORE	DC24	6

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FOR STUDY PURPOSE ONLY



SCALE 1:√2

YASKAWA
 株式会社 安川電機

Reference Drawing

TITLE FOR MOTOMAN
 DIMENSIONS OF AC SERVOMOTOR

DRWN DATE Apr.25'19

DWG.NO.

HW1386420

SIZE A3