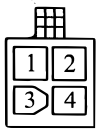
Model:TSX04101C-3N73-DX

No.	Item	Symbol	Unit	Specification	No.	Item	Symbol	Unit	Specification
1	Drive	-	-	3 φ 220 VAC	13	Rotor Inertia	J-M	kg-cm²	0.041 ±10%
2	Cooling Method	-	-	Totally Enclosed	14	Rated Power Rate	Q-R	Kw/s	24.98
3	Exciting Method	-	-	Permanent Magnet	15	Resistance	Ra	Ω	25.4±10%/ 2 φ
4	Resolution	-	-	17 bit INC	16	Inductance	L	mH	26.5±10%/ 2 φ
5	Rated Output	P-R	W	100	17	Mech. Time Constant	Tm	ms	1.25±10%
6	Rated Torque	T-R	N-m	0.32	18	Elect. Time Constant	Te	ms	1.04±10%
7	Max. Torque	T-max	N-m	0.95	19	Insulation Class	-	-	Class B
8	Rated Speed	N-R	rpm	3000	20	Operation Temp.	T	℃	0~40
9	Rated Current	I-R	A	1	21	Operation Humd.	RH	%	<80
10	Max. Current	I-max	A	3	22	Storage Temp.	T	℃	-20°~60°
11	Torque Constant	Kt	N-m/A	0.32±10%	23	Storage Humd.	RH	%	<80
12	Voltage Constant	Ke	V/krpm	23.7±10%/ 2 φ	24	Weight	W	kgw	0.48

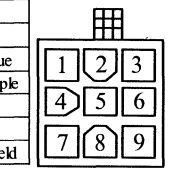
2



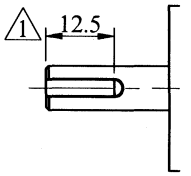
1	U	Red
2	V	White
3	W	Black
4	F/G	G/Y

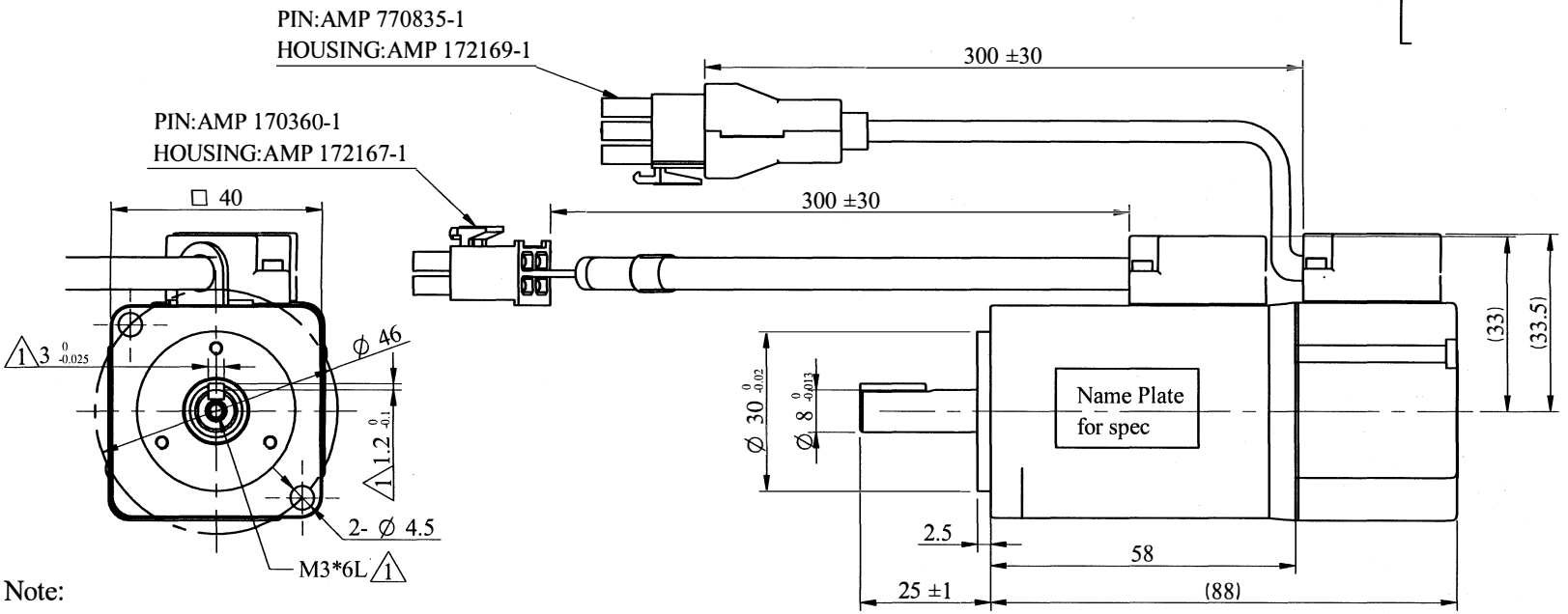
Motor Wiring

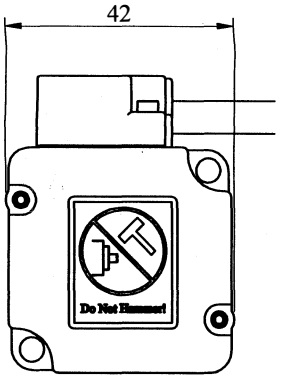
1	Vcc	White
2	GND	Black
3	-	-
4	-	-
5	SD	Blue
6	$\overline{SD}$	Purple
7	-	-
8	-	-
9	FG	Shield



Encoder Connection







Note:

1.Motor to be IP67.(excluding the shaft opening & connectors)

2.The detail of Name plate for Spec. refers to the file. DC-JXE-002.

STANDARD TOLERANCE											
X	±0.5					APVD			SCALE		UNIT m m	NAME	SERVO MOTOR OUTLINE DRAWING
.X	±0.2					CHKD							
.XX	±0.05	02	1S17B09-02	Sam	11-09-'17	CHKD			3RD .A.P			TITLE	JSMA-PUC01A□K
ANGLE	±30'	01	1S17A25-04	Leon	10-25-'17	DWN	Leon	04-12-'17					
MATERIAL		REV	DESCRIPTION	SIGNATURE	DATE		SIGNATURE	DATE	TECH ELECTRO DRIVES CO., LTD.			Dept. Design	DWG.NO.