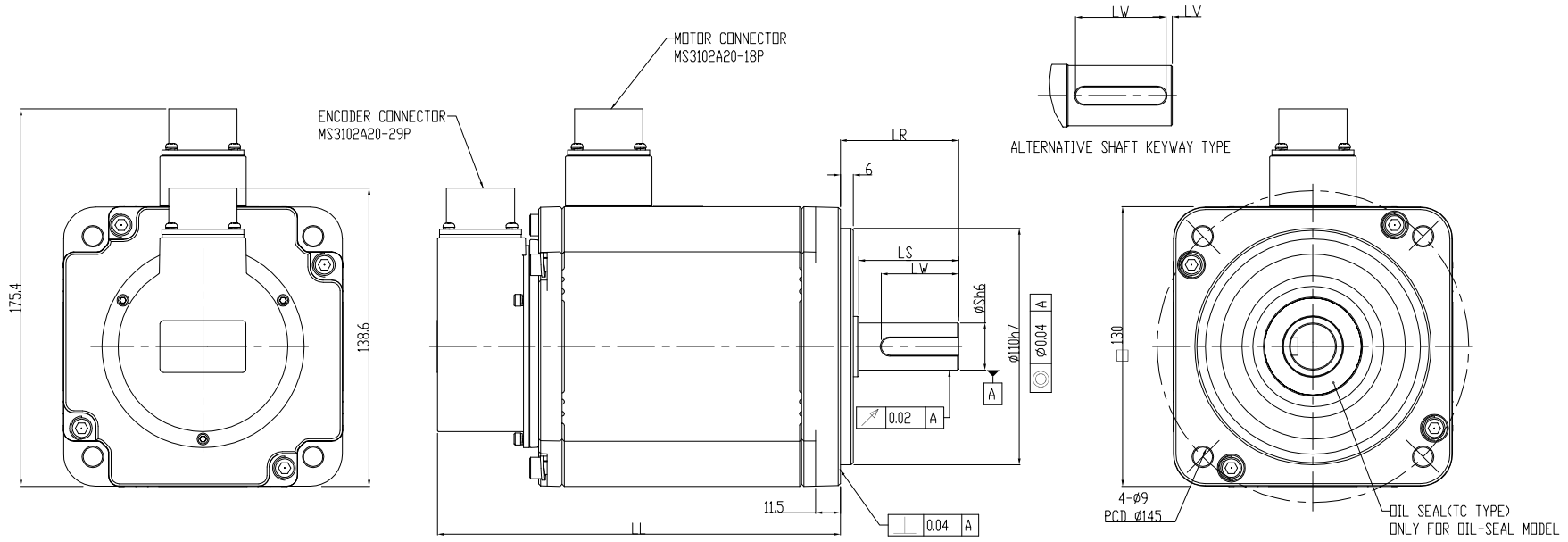
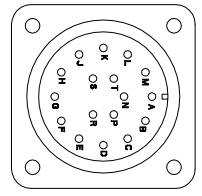
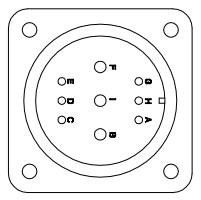


DIMENSION TABLE (MODEL WITHOUT BRAKE)

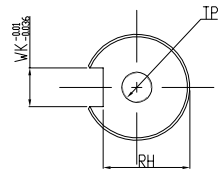
MODEL	LL	LR	LS	LW	S	LV	WK	W	T	RH	TP
ECMA-G□1309□4	163.5	55	47	36	24	---	8	8	7	20	---
ECMA-G□1309□S	163.5	55	47	36	22	---	8	8	7	18	---
ECMA-G□1309CS	163.5	55	47	---	22	---	---	---	---	---	---



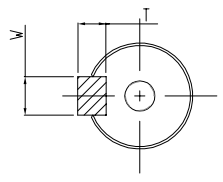


ENCODER CONNECTOR					
PIN	FUNCTION		PIN	FUNCTION	
	2500ppr	20bit		2500ppr	20bit
A	A	T+	K	—	—
B	$\bar{A}$	T-	L	SHIELD	SHIELD
C	B	BAT_5V	M	—	—
D	$\bar{B}$	BAT_GND	N	—	—
E	—	—	P	—	—
F	Z	—	R	GND	GND
G	$\bar{Z}$	—	S	DC+5V	DC+5V
H	—	—	T	—	—
J	—	—			

MOTOR CONNECTOR	
PIN	FUNCTION
A	—
B	W PHASE
C	—
D	—
E	GND
F	U PHASE
G	—
H	—
I	V PHASE



SHAFT END DETAILS



KEY DETAILS

REV.	ECN NO.
V1.0	

台達電子工業股份有限公司
DELTA ELECTRONICS, INC.

Drawn: | Design:

Date: | ECN No.:

THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF DELTA ELECTRONICS, INC. AND SHALL NOT BE REPRODUCED OR USED AS THE BASIS FOR THE MANUFACTURE OR SELL OF APPARATUSES OR DEVICES WITHOUT PERMISSION.

DIMENSIONAL TOLERANCES

	( )	( )	( )	( )	ANGLES
DECIMALS	<50 :±0.1	<50 :±0.15	<50 :±0.2	<30° :±0.1°	
X	:±0.3	>50~100 :±0.15	>50~100 :±0.2	>50~100 :±0.25	30°~60° :±0.3°
X.X	:±0.2	>100~200 :±0.2	>100~200 :±0.25	>100~200 :±0.3	60°~90° :±0.5°
X.XX	:±0.1	200~ :±0.2%	200~ :±0.25%	200~ :±0.3%	

Drawing Name: ECMA-G□1309□□

A3 SIZE | THIRD ANGLE PROJECTION | Part No.: | REV. V1.0

USED ON XXXXXX | UNIT mm | SCALE —— | SHEET 1 OF 1

DF-MEA3H-3R00