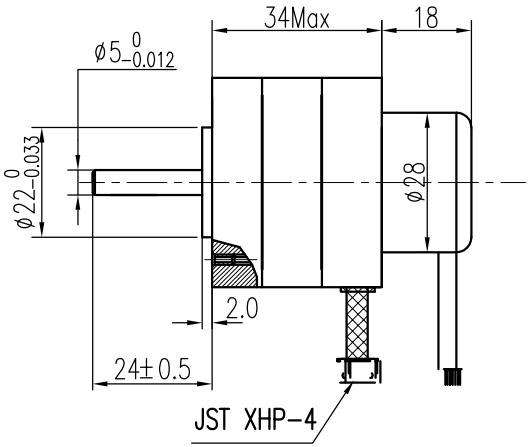
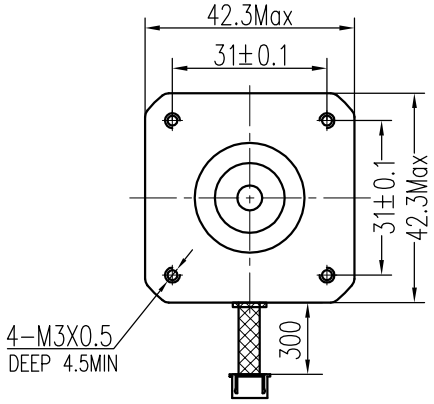
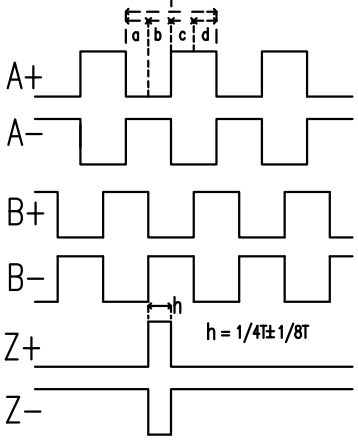




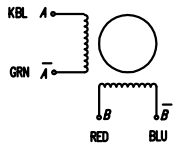
CONNECTION / SPECIFICATION	BIPOLAR PARALLEL		
PHASE	2		PHASE
STEP ANGLE	* 1.8		° /STEP
SUPPLY VOLTAGE(VDC)	3.92		V
AMPS/PHASE	* 1.4		A/PHASE
RESISTANCE	* 2.8		±10%Ω/PHASE
INDUCTANCE	3.6		±10%mH/PHASE
HOLDING TORQUE	22	N.cm	Min
DETENT TORQUE	1.1	N.cm	Max
LEAD STYLE	AWG26 UL1007		

*

Output Wave form a,b,c,d = 1/4T±1/8T



MOTOR CONNECTION



MOTOR JST XHP-4	
PIN NO.1	BLK A+
PIN NO.2	GRN A-
PIN NO.3	RED B+
PIN NO.4	BLU B-

ENCODER CONNECTION

ENCODER 2000P/R	
WHITE	A+
WHI/BLK	A-
GREEN	B+
GRE/BLK	B-
YELLOW	Z+
YEL/BLK	Z-
RED	VCC+5V
BLACK	GND
SHIELD	

ENCODER OPERATING TEMP: -20~+80°

AMBIENT TEMPERATURE -10°~40° (HIGHER TEMPERATURE REDUCES DUTY CYCLE)

INSULATION RESISTANCE 100 Mohm (UNDER NORMAL TEMPERATURE AND HUMIDITY)

INSULATION CLASS B 130°

DIELECTRIC STRENGTH 500VAC FOR 1 MIN. (BETWEEN THE MOTOR COILS AND THE MOTOR CASE)

AMBIENT HUMIDITY MAX.85% (NO CONDENSATION)

17 Encoder Ver.2

Arsisan

A3

Funpos