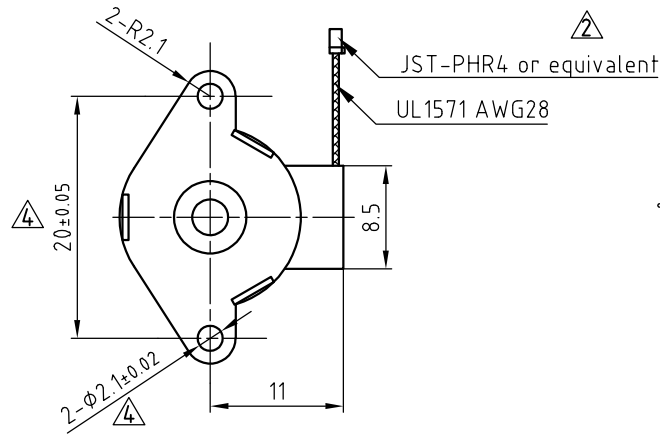
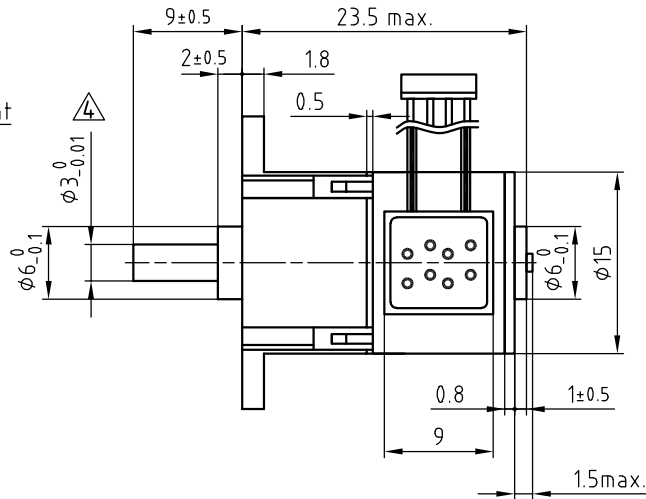


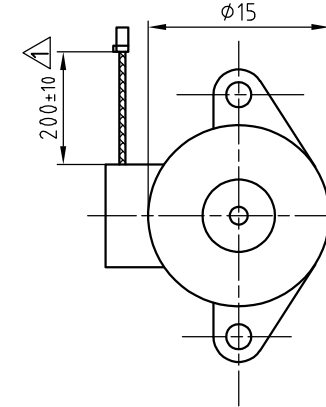
Front view and mounting



Side view



Rear view

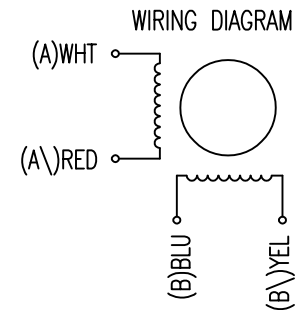


SPECIFICATION	CONNECTION	BIPOLAR
VOLTAGE (VDC)		5
AMPS/PHASE		0.5
RESISTANCE/PHASE (Ohms)@25°C		10±7%
INDUCTANCE/PHASE (mH) @1KHz		2.3±20%
HOLDING TORQUE (Nm) [lb-in]		0.2 [1.76]
GEAR RATIO		1:102.5
STEP ANGLE (°)		18/102.5
STEP ACCURACY (NON-ACCUM)		±7%
ROTOR INERTIA (Kg-m ²) [lb-in ²]		1.0x10 ⁻⁷ [3.416X10 ⁻⁴]
WEIGHT (Kg) [lb]		0.012 [0.026]
TEMPERATURE RISE: MAX.80°C (MOTOR STANDSTILL; FOR 2 PHASE ENERGIZED)		
AMBIENT TEMPERATURE -10~ 50°C [14°F ~ 122°F]		
INSULATION RESISTANCE 100 MOhm (UNDER NORMAL TEMPERATURE AND HUMIDITY)		
INSULATION CLASS E 120° [248°F]		
DIELECTRIC STRENGTH 500VAC FOR 1 MIN. (BETWEEN THE MOTOR COILS AND THE MOTOR CASE)		
AMBIENT HUMIDITY MAX. 85% (NO CONDENSATION)		

TYPE OF CONNECTION (EXTERN)	MOTOR			
	BIPOLAR	CONNECTOR PIN NO.	LEADS	WINDING
A —	1	WHT	A	
A\ —	2	RED	A\	
B —	3	BLU	B	
B\ —	4	YEL	B\	

FULL STEP 2 PHASE-Ex.,
WHEN FACING MOUNTING END (X)

STEP	A	B	A\	B\	CCW
1	+	+	-	-	↓
2	-	+	+	-	↑
3	-	-	+	+	↓
4	+	-	-	+	↑



4	change tolerance	27.04.17	A.S.
3	REMOVE LOAD SPEC.	28.02.14	J.D.
2	CONNECTOR TYPE	12.07.12	J.W.
REV	DESCRIPTION	DATE	DRN



Surface specification
DIN ISO 1302

General tolerances
DIN ISO 2768- ch

Work piece edge
DIN ISO 13715

APVD
CHKD

DRN
SIGNATURE

S.Ha.

J.W.

14.01.08

11.01.08
DATE

STEPPING MOTOR

DWG.NO

SPG1518M0504-102