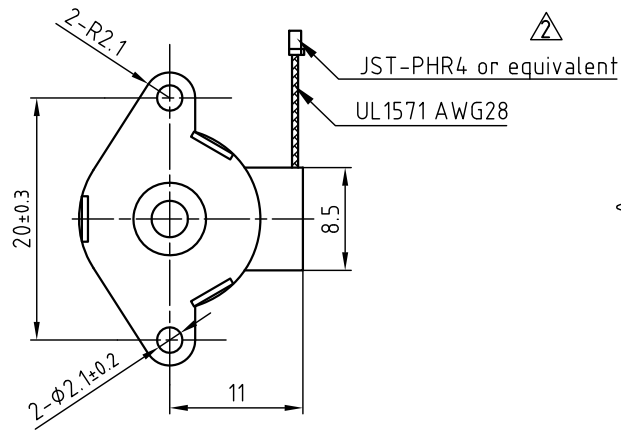
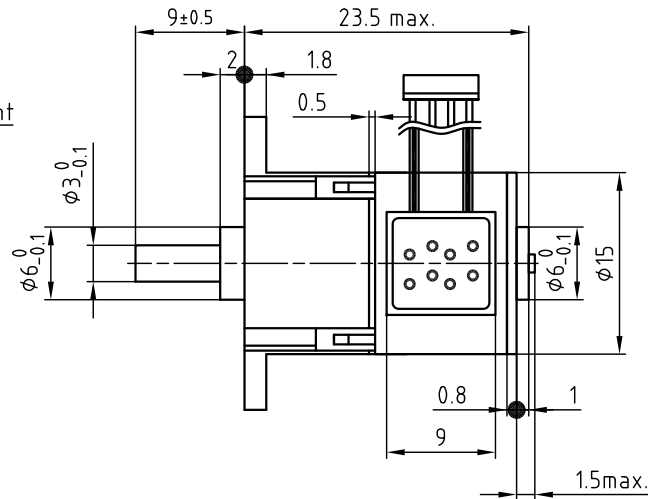


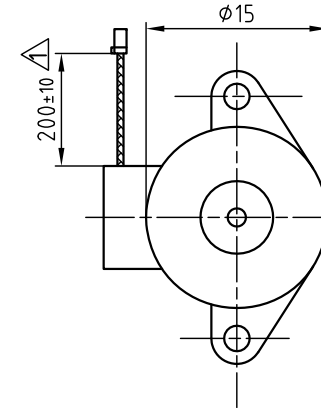
Front view and mounting



Side view



Rear view

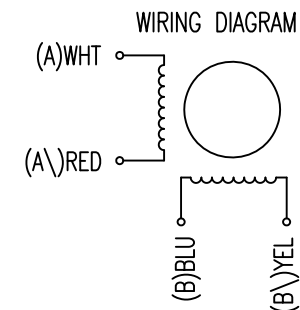


SPECIFICATION	CONNECTION	BIPOLAR
VOLTAGE (VDC)		5
AMPS/PHASE		0.5
RESISTANCE/PHASE (Ohms)@25°C		10±7%
INDUCTANCE/PHASE (mH) @1KHz		2.3±20%
HOLDING TORQUE (Nm) [lb-in]		0.2 [1.76]
GEAR RATIO		1:102.5
STEP ANGLE (°)		18/102.5
STEP ACCURACY (NON-ACCUM)		±7%
ROTOR INERTIA (Kg-m ²) [lb-in ²]		1.0x10 ⁻⁷ [3.416X10 ⁻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	CW
1	+	+	-	-		
2	-	+	+	-		
3	-	-	+	+		
4	+	-	-	+		



3	REMOVE LOAD SPEC.	28.02.14	J.D.	 Nanotec [®] PLUG & DRIVE SPG1518M0504-102	SCALE FREE	APVD	S.Ha.	14.01.08	STEPPING MOTOR
2	CONNECTOR TYPE	12.07.12	J.W.		X ±0.5	CHKD			
1	AMBIENT TEMP.+TOLERANCE	25.09.09	J.W.		1PL ±0.2	DRN	J.W.	11.01.08	
REV	DESCRIPTION	DATE	APVD		2PL ±0.1	SIGNATURE		DATE	DWG.NO
					ANGLE ±30'				SPG1518M0504-102