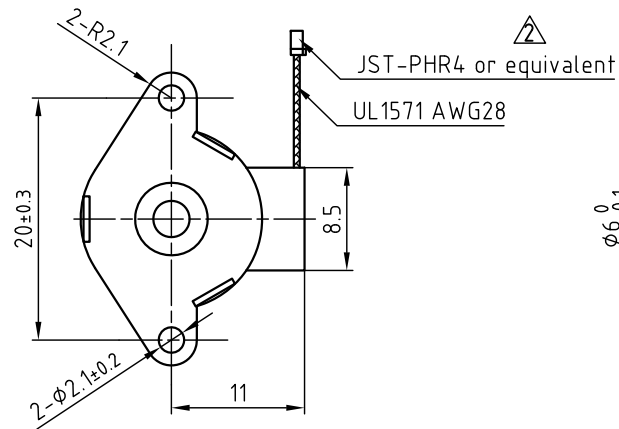
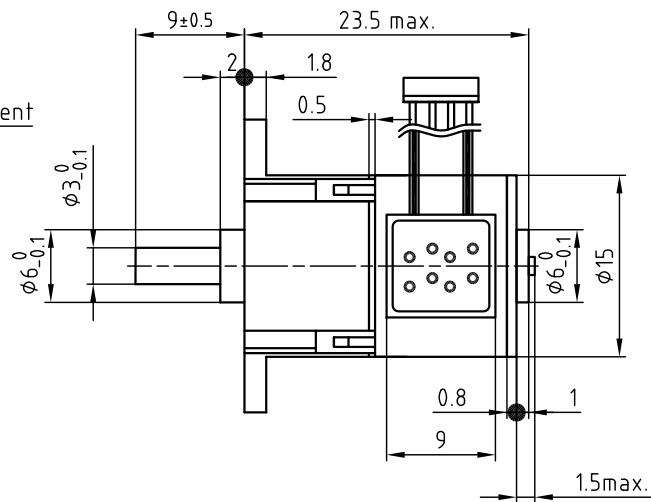


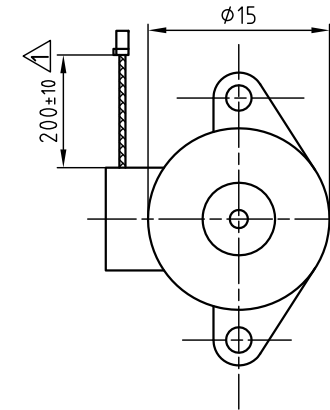
Front view and mounting



Side view



Rear view



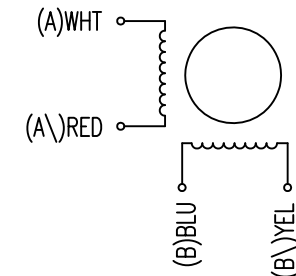
CONNECTION	BIPOLAR
VOLTAGE (VDC)	5
AMPS/PHASE	0.5
RESISTANCE/PHASE (Ohms)@25°C	10±7%
INDUCTANCE/PHASE (mH) @1KHz	2.3±20%
HOLDING TORQUE (Nm) [lb-in]	0.135 [1.19]
RATIO	1:50
STEP ANGLE (°)	18/50
STEP ACCURACY (NON-ACCUM)	±7%
ROTOR INERTIA (Kg-m ²) [lb-in ²]	1.0x10 ⁻⁷ [3.416x10 ⁻⁴]
WEIGHT (Kg) [lb]	0.012 [0.026]
TEMPERATURE RISE: MAX.80°C (MOTOR STANDSTILL; FOR 2 PHASE ENERGIZED)	
AMBIENT TEMPERATURE -10°C ~ 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	+	-	-	+	↓	↑

WIRING DIAGRAM



3	REMOVE LOAD SPEC.	28.02.14	J.D.
2	CONNECTOR TYPE	12.07.12	J.W.
1	AMBIENT TEMP.+TOLERANCE	25.09.09	J.W.
REV	DESCRIPTION	DATE	APVD



SPG1518M0504-50

SCALE FREE	APVD	S.Ha.	11.01.08
X ±0.5	CHKD		
1PL ±0.2	DRN	J.W.	11.01.08
2PL ±0.1	SIGNATURE	DATE	
ANGLE ±30°			

STEPPING MOTOR

DWG.NO

SPG1518M0504-50