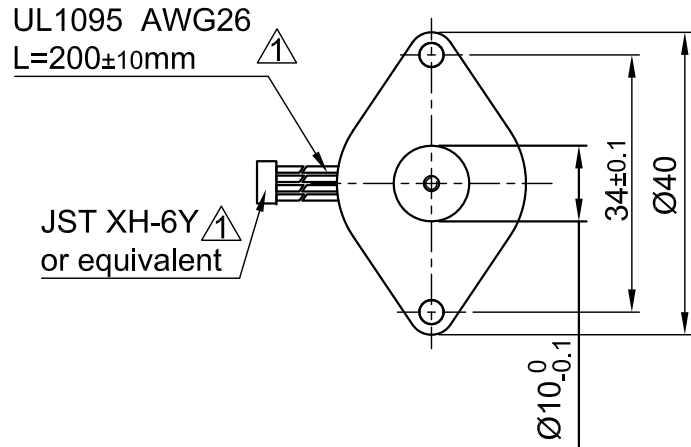
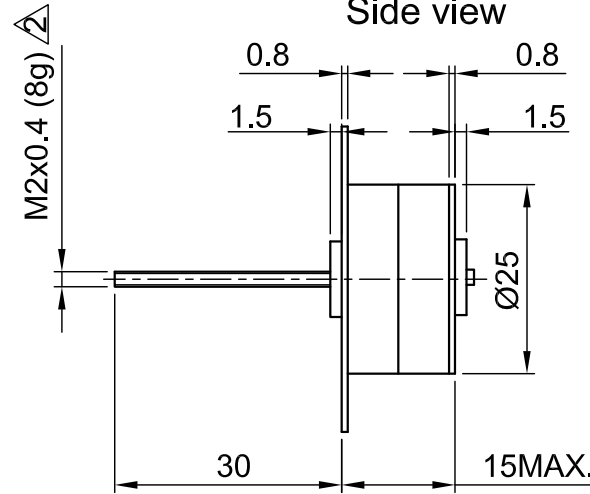


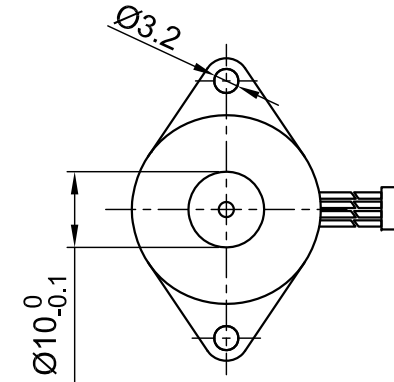
Front view and mounting



Side view



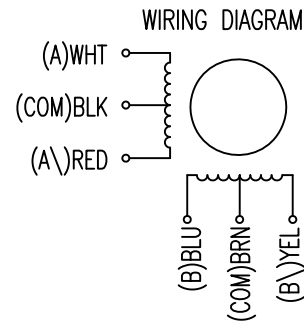
Rear view



SPECIFICATION	CONNECTION	
	UNIPOLAR OR BIPOLAR-1 WINDING	BIPOLAR SERIAL
VOLTAGE (VDC)	5.0	7.0
AMPS/PHASE	0.5	0.35
RESISTANCE/PHASE (Ohms)@25°C	10±10%	20±10%
INDUCTANCE/PHASE (mH) @1KHz	2.0±20%	8.0±20%
HOLDING TORQUE (Nm) [lb-in]	0.012 [0.106]	0.017 [0.15]
DETENT TORQUE (Nm) [lb-in]	4.5x10 ⁻³ [0.039] ▲	
STEP ANGLE (°)	7.5	
STEP ACCURACY (NON-ACCUM)	±7%	
ROTOR INERTIA (Kg-m ²) [lb-in ²]	1.0x10 ⁻⁹ [3.416x10 ⁻⁶]	
WEIGHT (Kg) [lb]	0.0312 [0.069]	
TEMPERATURE RISE: MAX.70°C (MOTOR STANDSTILL; FOR 2 PHASE ENERGIZED)		
AMBIENT TEMPERATURE -10°~ 40°C [14°F ~ 104°F]		
INSULATION RESISTANCE 100 MOhm (UNDER NORMAL TEMPERATURE AND HUMIDITY)		
INSULATION CLASS E 120° [248°F]		
DIELECTRIC STRENGTH 600VAC FOR 1 MIN. (BETWEEN THE MOTOR COILS AND THE MOTOR CASE)		
AMBIENT HUMIDITY MAX. 85% (NO CONDENSATION)		

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

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



UNIPOLAR	TYPE OF CONNECTION (EXTERN)		MOTOR		
	1WINDING	BIPOLAR SERIAL	CONNECTOR PIN NO.	LEADS	WINDING
A	A	A	1	WHT	A
COM	COM		5	BLK	COM
A\		A\	3	RED	A\
B	B	B	2	BLU	B
COM	COM		6	BRN	COM
B\		B\	4	YEL	B\

2	TOLERANCE SUPPLEMENTED	10.10.11	J.W.	 Nanotec [®] PLUG & DRIVE	SCALE FREE	APVD	S.K.	23.06.05	STEPPING MOTOR DWG.NO LSP2575M0506-M2x0.4
1	TOLERANCE + CONNECTOR+DETEND TORQUE	26.07.10	J.W.		X ±0.5 1PL ±0.2 2PL ±0.1 ANGLE ±30'	CHKD			
REV	DESCRIPTION	DATE	APVD	LSP2575M0506-M2x0.4		SIGNATURE	DATE	23.06.05	