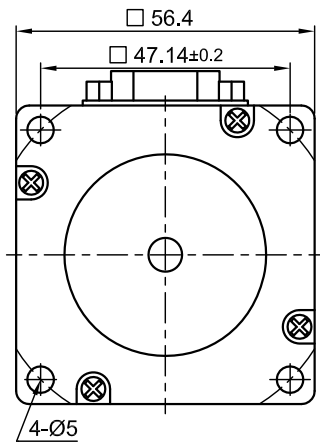
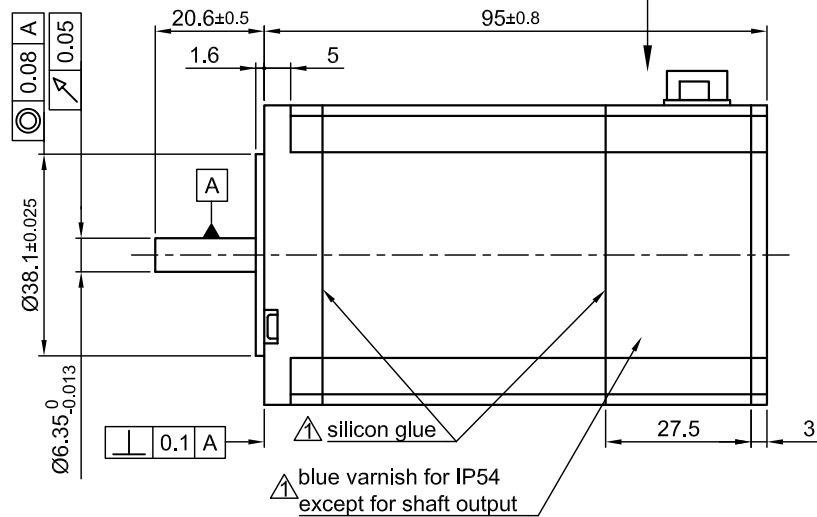


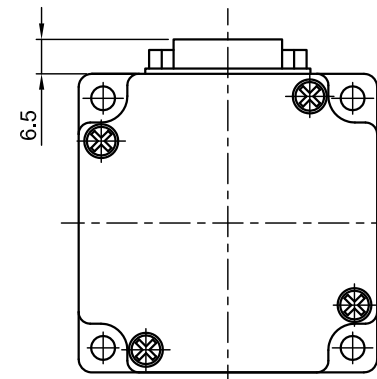
Front view and mounting



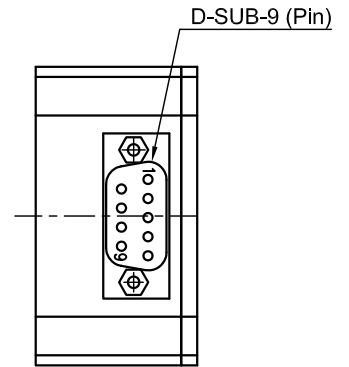
Side view



Rear view



Top view A



SPECIFICATION	CONNECTION	BIPOLAR PARALLEL
VOLTAGE (VDC)		3.38
AMPS/PHASE		2.82
RESISTANCE/PHASE (Ohms)@25°C		1.2 ± 10%
INDUCTANCE/PHASE (mH) @1KHz		5.1 ± 20%
HOLDING TORQUE (Nm) [lb-in]		1.7 [15.02]
DETENT TORQUE (Nm) [lb-in]		0.068 [0.602]
STEP ANGLE (°) ± ACCURACY		1.8 ± 5% (NON-ACCUM)
BACK-EMF (V) (300 U/min)		29.6
ROTOR INERTIA (Kg-m ²) [lb-in ²]		4.8x10 ⁻⁵ [0.164]
WEIGHT (Kg) [lb]		1.1 [2.43]
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 B 130° [266°F]		
DIELECTRIC STRENGTH 500VAC FOR 1 MIN. (BETWEEN THE MOTOR COILS AND THE MOTOR CASE)		
AMBIENT HUMIDITY MAX. 85% (NO CONDENSATION)		

PERMISSIBLE RADIAL+AXIAL FORCE				
ROTOR SPRING-MOUNTED IN AXIAL DIRECTION				
AXIAL-FORCE Fa (N)	Fa=15			
DISTANCE a (mm)	5	10	15	20
RADIAL-FORCE Fr (N)	130	90	70	52
	AXIAL	RADIAL		
SHAFT PLAY (mm)	0.08	0.02		
AT LOAD MAX: (N)	4.5	4.5		

WIRING DIAGRAM					
FULL STEP 2 PHASE-Ex., WHEN FACING MOUNTING END (X)					
STEP	A	B	A\	B\	CCW
1	+	+	-	-	
2	-	+	+	-	
3	-	-	+	+	
4	+	-	-	+	

MOTOR D-SUB-9	
PIN	ASSIGNMENT
1	A
2	A\
3	B
4	B\
5	NC
6	NC
7	NC
8	NC
9	NC
HOUSING	GND/SHIELDING

				 Nanotec [®] PLUG & DRIVE	SCALE FREE	APVD	<i>S.Ha.</i>	04.08.08	STEPPING MOTOR DWG.NO AD5918L2804
1	WITH VARNISH+SILICON	18.02.10	J.W.		X ±0.5	CHKD			
REV	DESCRIPTION	DATE	APVD	AD5918L2804	1PL ±0.2	DRN	<i>J.W.</i>	04.08.08	
					2PL ±0.1	SIGNATURE		DATE	
					ANGLE ±30'				