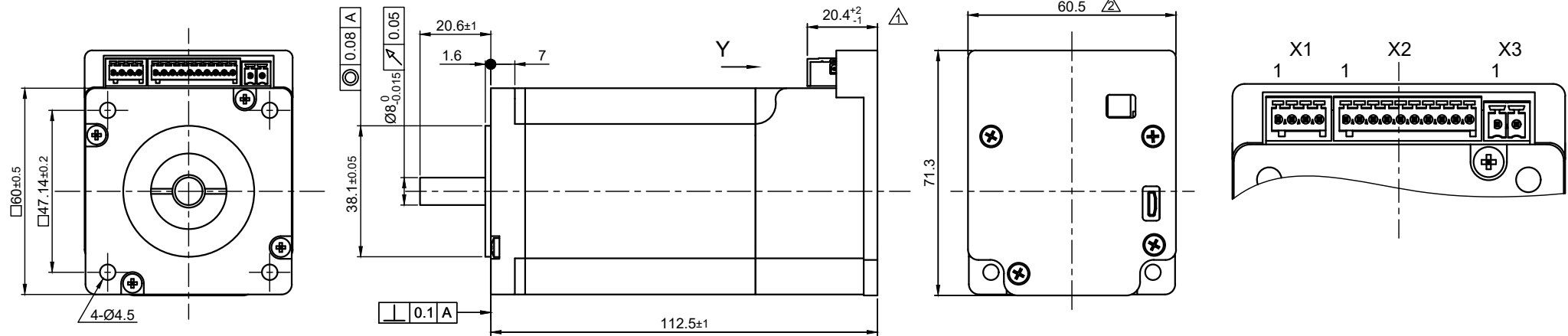


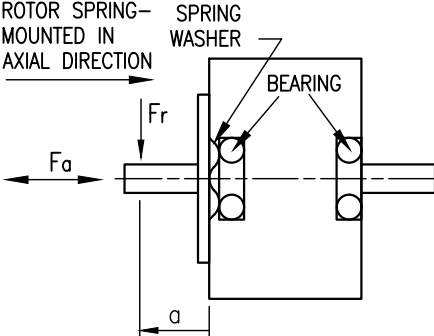
Front view and mounting

Side view

Rear view

Y view



CONNECTION		SPECIFICATION	
BIPOLAR 		PERMISSIBLE RADIAL+AXIAL FORCE	
VOLTAGE (VDC)		12 TO 48	
AMPS/PHASE(A)		4.2	
HOLDING TORQUE (Nm) [lb-in]		3.54 [31.29]	
DETENT TORQUE (Nm) [lb-in]		0.075 [0.664]	
STEP ANGLE (°)±ACCURACY		1.8±5% TO MICROSTEP	
WEIGHT (Kg) [lb]		1.4[3.09]	
			
OVERTEMPERATURE PROTECTION (ELECTRONICS): 75°C 		AXIAL-FORCE Fa (N)	
AMBIENT TEMPERATURE -10~ 50°C [14°F ~ 122°F] (HIGHER TEMPERATURE REDUCES DUTY CYCLE)		Fa=15	
INSULATION RESISTANCE 100 MOhm (UNDER NORMAL TEMPERATURE AND HUMIDITY)		DISTANCE a (mm)	
INSULATION CLASS B 130° [266°F]		20	
DIELECTRIC STRENGTH 500VAC FOR 1 MIN. (BETWEEN THE MOTOR COILS AND THE MOTOR CASE)		RADIAL-FORCE Fr (N)	
AMBIENT HUMIDITY MAX. 85% (NO CONDENSATION)		52	
		AXIAL	
		RADIAL	
		SHAFT PLAY (mm)	
		0.2Max	
		AT LOAD MAX: (N)	
		200	
		4.5	

Nanotec
PLUG & DRIVE

APVD **G.M.** 05.08.13
CHKD
DRN **GYQ** 05.08.13
SIGNATURE DATE

PLUG&DRIVE MOTOR

DWG.NO
PD4-C6018L4204-E-01