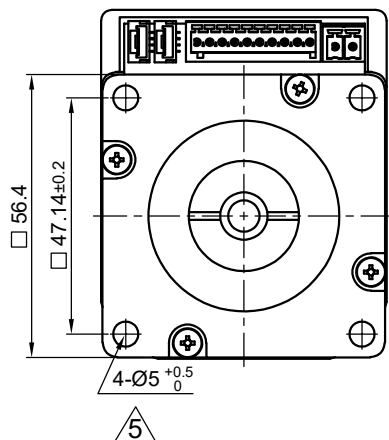
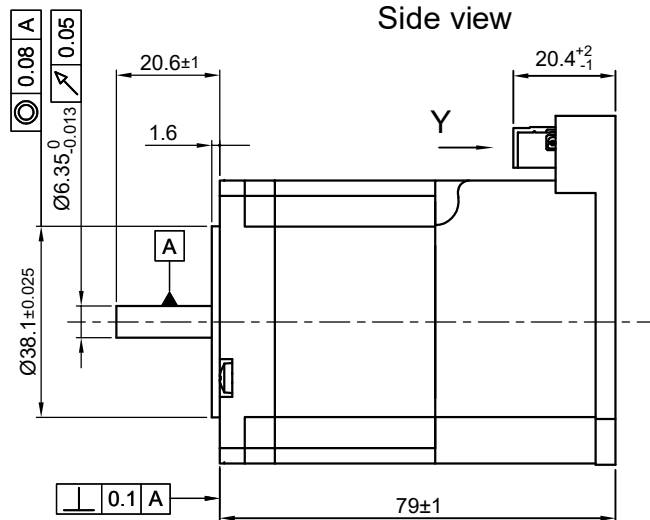


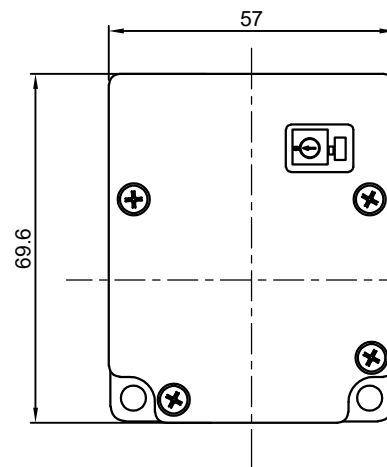
Front view and mounting



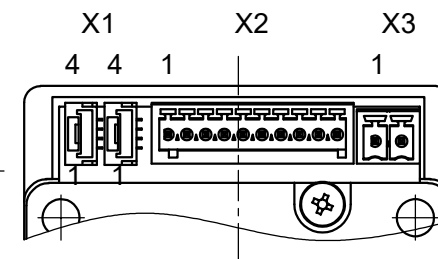
Side view



Rear view



Y view



CONNECTION		SPECIFICATION		BIPOLAR																																							
VOLTAGE (VDC)				12 TO 48																																							
AMPS/PHASE(A)				4.2																																							
HOLDING TORQUE (Nm) [lb-in]				1.24 [10.98] 4																																							
DETENT TORQUE (Nm) [lb-in]				0.04 [0.354]																																							
STEP ANGLE (°)±ACCURACY				1.8±5% TO MICROSTEP																																							
WEIGHT (Kg) [lb]				0.91 [2.01]																																							
OVERTEMPERATURE PROTECTION (ELECTRONICS): 75°C				AXIAL-FORCE Fa (N)																																							
AMBIENT TEMPERATURE -10~ 50°C [14°F ~ 122°F] (HIGHER TEMPERATURE REDUCES DUTY CYCLE)				DISTANCE a (mm)																																							
INSULATION RESISTANCE 100 MOhm (UNDER NORMAL TEMPERATURE AND HUMIDITY)				RADIAL-FORCE Fr (N)																																							
INSULATION CLASS B 130° [266°F]																																											
DIELECTRIC STRENGTH 500VAC FOR 1 MIN. (BETWEEN THE MOTOR COILS AND THE MOTOR CASE)				SHAFT PLAY (mm)																																							
AMBIENT HUMIDITY MAX. 85% (NO CONDENSATION)				AT LOAD MAX: (N)																																							
Yanlanmc For smarter equip APVD CHKD DRN SIGNATURE G.M. GYQ 06.08.13 06.08.13 DATE																																											
5	HOLE ø5 ADD TOLERANCE +0.5/0	11.07.22	YBY	Surface specification DIN ISO 1302																																							
04	NEW HOLDING TORQUE	11.10.16	GYQ	General tolerances DIN ISO 2768-cH																																							
REV	DESCRIPTION	DATE	APVD	Work piece edge DIN ISO 13715																																							
PERMISSIBLE RADIAL+AXIAL FORCE																																											
ROTOR SPRING-MOUNTED IN AXIAL DIRECTION SPRING WASHER BEARING Fr Fa a																																											
X1, JST GH-4 <table><tr><th>PIN No.</th><th>Function</th></tr><tr><td>1</td><td>+UB_LOGIC(24V)</td></tr><tr><td>2</td><td>CAN+</td></tr><tr><td>3</td><td>CAN-</td></tr><tr><td>4</td><td>GND</td></tr></table> X3, Phoenix FMC-02 <table><tr><th>PIN No.</th><th>Function</th></tr><tr><td>1</td><td>+VCC(12-48V)</td></tr><tr><td>2</td><td>GND</td></tr></table> X2, Phoenix MCV-10 <table><tr><th>PIN No.</th><th>Function</th></tr><tr><td>1</td><td>GND</td></tr><tr><td>2</td><td>Analog input (0-10V)</td></tr><tr><td>3</td><td>+12V (Voltage Output, max.100mA)</td></tr><tr><td>4</td><td>Output1 (open drain)</td></tr><tr><td>5</td><td>Output2 (open drain)</td></tr><tr><td>6</td><td>Input1 (+5/+24V)</td></tr><tr><td>7</td><td>Input2 (+5/+24V)</td></tr><tr><td>8</td><td>Input3 (+5/+24V)</td></tr><tr><td>9</td><td>Input4 (+5/+24V)</td></tr><tr><td>10</td><td>GND</td></tr></table>						PIN No.	Function	1	+UB_LOGIC(24V)	2	CAN+	3	CAN-	4	GND	PIN No.	Function	1	+VCC(12-48V)	2	GND	PIN No.	Function	1	GND	2	Analog input (0-10V)	3	+12V (Voltage Output, max.100mA)	4	Output1 (open drain)	5	Output2 (open drain)	6	Input1 (+5/+24V)	7	Input2 (+5/+24V)	8	Input3 (+5/+24V)	9	Input4 (+5/+24V)	10	GND
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