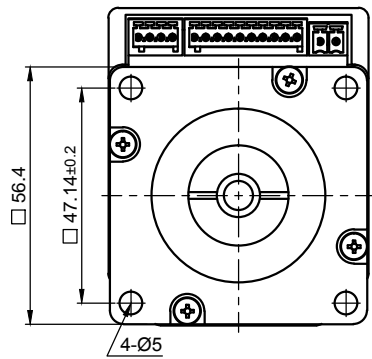
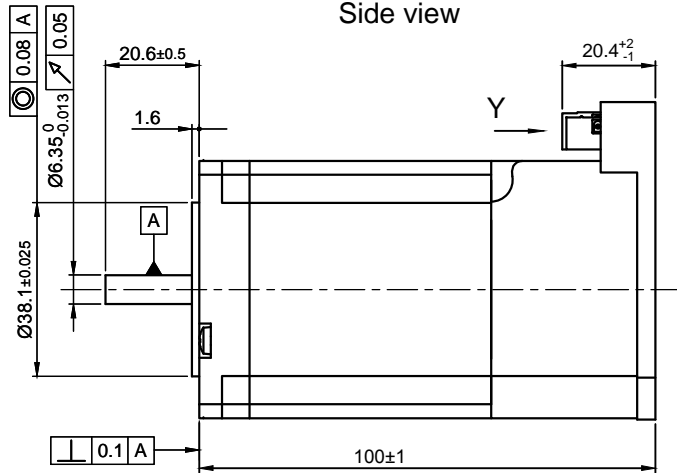


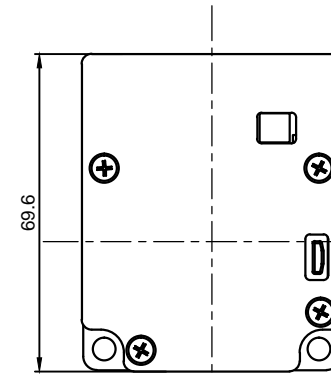
Front view and mounting



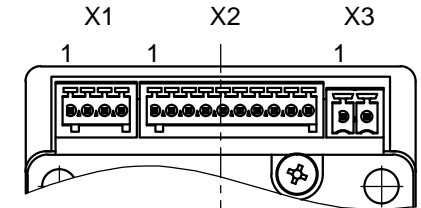
Side view



Rear view



Y view



CONNECTION		BIPOLAR PARALLEL	PERMISSIBLE RADIAL+AXIAL FORCE				X1, Phoenix MCV-04		X2, Phoenix MCV-10																
SPECIFICATION							PIN No.	Function	PIN No.	Function															
VOLTAGE (VDC)		2.1	<table border="1"> <tr> <td>AXIAL-FORCE F_a (N)</td> <td colspan="4">$F_a=15$</td> </tr> <tr> <td>DISTANCE a (mm)</td> <td>5</td> <td>10</td> <td>15</td> <td>20</td> </tr> <tr> <td>RADIAL-FORCE F_r (N)</td> <td>130</td> <td>90</td> <td>70</td> <td>52</td> </tr> </table>				AXIAL-FORCE F_a (N)	$F_a=15$				DISTANCE a (mm)	5	10	15	20	RADIAL-FORCE F_r (N)	130	90	70	52	1	GND	1	Input1 (+24V)
AXIAL-FORCE F_a (N)	$F_a=15$																								
DISTANCE a (mm)	5	10	15	20																					
RADIAL-FORCE F_r (N)	130	90	70	52																					
AMPS/PHASE		4.2					2	Analog Input(0-10V)	2	Input2 (+24V)															
RESISTANCE/PHASE (Ohms)@25°C		0.5±15%					3	Output (open drain)	3	Input3 (+24V)															
INDUCTANCE/PHASE (mH) @1KHz		1.9±20%					4	+12V (Voltage Output, max.100mA)	4	-Enable +5/+24V															
HOLDING TORQUE (Nm) [lb-in]		1.98 [17.52]					X3, Phoenix FMC-02		5	Enable +5/+24V															
DETENT TORQUE (Nm) [lb-in]		0.068 [0.602]					PIN No.	Function	6	-Direction +5/+24V															
STEP ANGLE (°)		1.8					1	+VCC	7	Direction +5/+24V															
ACCURACY(NON-ACCUM)		±5%					2	GND	8	-Clock +5/+24V															
ROTOR INERTIA (Kg-m ²) [lb-in ²]		4.8x10 ⁻⁵ [0.164]					FULL STEP 2 PHASE-Ex., WHEN FACING MOUNTING END (X)																		
WEIGHT (Kg) [lb]		1.14[2.508]					STEP	A	B	A\	B\	CCW													
OVERTEMPERATURE PROTECTION (ELECTRONICS): 80°C							1	+	+	-	-	↓													
AMBIENT TEMPERATURE -10~ 40°C [14°F ~ 104°F] (HIGHER TEMPERATURE REDUCES DUTY CYCLE)							2	-	+	+	-	↑													
INSULATION RESISTANCE 100 MOhm (UNDER NORMAL TEMPERATURE AND HUMIDITY)							3	-	-	+	+														
INSULATION CLASS B 130° [266°F]							4	+	-	-	+														
DIELECTRIC STRENGTH 500VAC FOR 1 MIN. (BETWEEN THE MOTOR COILS AND THE MOTOR CASE)																									
AMBIENT HUMIDITY MAX. 85% (NO CONDENSATION)																									
			SCALE FREE		APVD	G.M.	16.05.14		PLUG&DRIVE MOTOR																
			X	±0.5	CHKD				DWG.NO																
			1PL	±0.2	DRN	GYQ	16.05.14		PD4-C5918L4204-E-01																
REV	DESCRIPTION	DATE	APVD	PD4-C5918L4204-E-01	ANGLE	±30'	SIGNATURE	DATE																	



PD4-C5918L4204-E-01

PLUG&DRIVE MOTOR

DWG.NO

PD4-C5918L4204-E-01