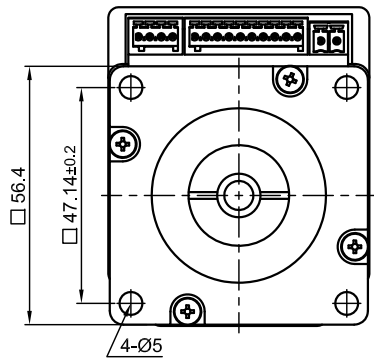
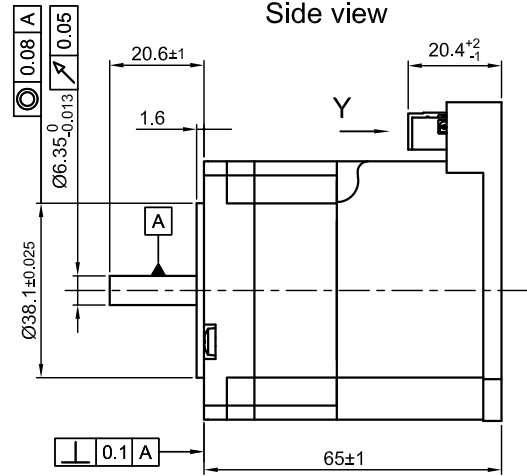


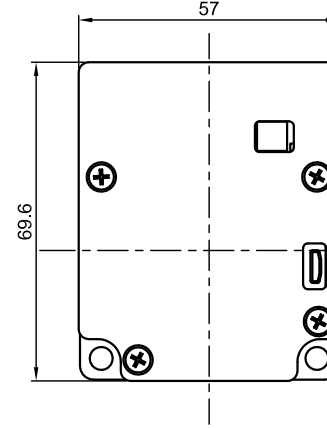
Front view and mounting



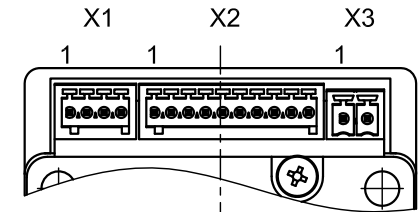
Side view



Rear view



Y view



CONNECTION		BIPOLAR		PERMISSIBLE RADIAL+AXIAL FORCE			X1, Phoenix MCV-04		X2, Phoenix MCV-10		
SPECIFICATION							PIN No.	Function	PIN No.	Function	
VOLTAGE (VDC)		12 TO 48		AXIAL-FORCE F_a (N)	$F_a=10$		1	GND	1	Input1 (+24V)	
AMPS/PHASE(A)		4.2		DISTANCE a (mm)	20		2	Analog Input(0-10V)	2	Input2 (+24V)	
HOLDING TORQUE (Nm) [lb-in]		0.537 [4.752]		RADIAL-FORCE F_r (N)	52		3	Output (open drain)	3	Input3 (+24V)	
DETENT TORQUE (Nm) [lb-in]		0.0147 [0.13]			AXIAL	RADIAL	4	+12V (Voltage Output, max.100mA)	4	-Enable +5/+24V	
STEP ANGLE (°)±ACCURACY		1.8±5% TO MICROSTEP		SHAFT PLAY (mm)	0.2Max	0.02	X3, Phoenix FMC-02		5	Enable +5/+24V	
WEIGHT (Kg) [lb]		0.6 [1.32]		AT LOAD MAX: (N)	200	4.5	PIN No.	Function	6	-Direction +5/+24V	
OVERTEMPERATURE PROTECTION (ELECTRONICS): 75°C							1	+VCC(12-48V)	7	Direction +5/+24V	
AMBIENT TEMPERATURE -10°~ 50°C [14°F ~ 122°F] (HIGHER TEMPERATURE REDUCES DUTY CYCLE)							2	GND	8	-Clock +5/+24V	
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)											
				APVD	G.M.	01.07.16	PLUG&DRIVE MOTOR DWG.NO PD4-C5918X4204-E-01				
				CHKD	L B	01.07.16					
REV	DESCRIPTION	DATE	DRN	Surface specification DIN ISO 1302	General tolerances DIN ISO 2768-cH	Work piece edge DIN ISO 13715	DRN	GYQ	01.07.16		
							SIGNATURE	DATE			