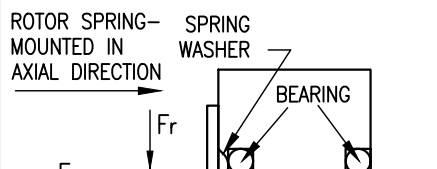


[illegible]

CONNECTION		BIPOLAR 3		PERMISSIBLE RADIAL+AXIAL FORCE				X1, JST GH-4		X2, Degson 4 15EDGVC-2.5-10P-14 or equivalent Phoenix MCV-10 or equivalent alternative			
SPECIFICATION								1		PIN No.		Function	
VOLTAGE (VDC)		12 TO 48						1		+UB_LOGIC(24V)			
AMPS/PHASE(A)		4.2						2		CAN+			
HOLDING TORQUE (Nm) [lb-in]		3.54 [31.29]						3		CAN-			
DETENT TORQUE (Nm) [lb-in]		0.075 [0.664]						4		GND			
STEP ANGLE (°)±ACCURACY		1.8±5% TO MICROSTEP						X3, 4 Degson 15EDGVC-3.5-02P-14 or equivalent Phoenix FMC-02 or equivalent alternative		PIN No.		Function	
WEIGHT (Kg) [lb]		1.4[3.09]						1		+VCC(12-48V)			
								2		GND			
OVERTEMPERATURE PROTECTION (ELECTRONICS): 75°C 3				AXIAL-FORCE Fa (N)		Fa=15							
AMBIENT TEMPERATURE -10~ 50°C [14°F ~ 122°F] (HIGHER TEMPERATURE REDUCES DUTY CYCLE)				DISTANCE a (mm)		20							
INSULATION RESISTANCE 100 MOhm (UNDER NORMAL TEMPERATURE AND HUMIDITY)				RADIAL-FORCE Fr (N)		52							
INSULATION CLASS B 130° [266°F]						AXIAL		RADIAL					
DIELECTRIC STRENGTH 500VAC FOR 1 MIN. (BETWEEN THE MOTOR COILS AND THE MOTOR CASE)				SHAFT PLAY (mm)		0.2Max		0.02					
AMBIENT HUMIDITY MAX. 85% (NO CONDENSATION)				AT LOAD MAX: (N)		200		4.5					
04	change connector description	08.08.25	YBY	 PLUG & DRIVE			APVD	G.M.	08.08.13	PLUG&DRIVE MOTOR			
03	REWORK DRAW/CHANGE TOLERANCE	04.07.16	GYQ				CHKD						
02	TOLERANCE OF CONNECTOR LENGTH	28.01.14	GYQ				DRN	GYQ	08.08.13				
REV	DESCRIPTION	DATE	APVD	Surface specification DIN ISO 1302	General tolerances DIN ISO 2768-CH	Work piece edge DIN ISO 13715	SIGNATURE	DATE	DWG.NO	PD4-C6018L4204-E-08			