



Parameters	MCH-5B	MCH-5U
Drive Mode	Bipolar constant voltage	Unipolar constant voltage
Acceleration Time	1 msec	
Operating Temp. Range	0 to +40 deg. C	
Storage Temp. Range	-10 to +70 deg. C	
Core Chip	PCD4511 w/NP3775	PCD4511 w/NP2671
Excitation Mode	Full/ Half	
External Inputs	Start/Stop, CW/CCW, Enable and ORG	
External Output Pulse	Yes (Pulse/Dir)	
External Outputs	BUSY, ORG, +5V	
Max. Setting Speed	7999 pps	
Mechanical Sensor Inputs	Home, +/-EL, +/-SD	
Motion Profile	Continuous, Trapezoidal	
Motor P/N (Included)	PFCU20-40S4GA2 (1/10)	PFCU25-24C1G (1/20)
# of Programmable Procedures	6	
Operation Humidity	0 to 80% RH (non dewdrop)	
Position Counter	0 to 999,999 pulse	
Power Supply (Including AC adaptor)	Input:100 to 240Vac Output: 12Vdc. 2A Vac	
Rated Current	400mA/phase (700mA max./phase) A/phase	250mA/phase (400mA max./phase) A/phase
Protective Fuse	2A fuse mounted on motor power line	
Environmental Quality	RoHS-compliant parts used	
Cooling Method	Air cooling without blower	
Coil Resistance	160Ω ± 7%	120Ω ± 7%
Rated Voltage	Terminal voltage: 11.0V (rated 12V)	Terminal voltage: 12.5V (rated 12V)
Dimensions	122 x 80 x 27mm	
Weight	140g	
Included in Kit	Motor leads (L=250mm), screwdriver, instruction manual	