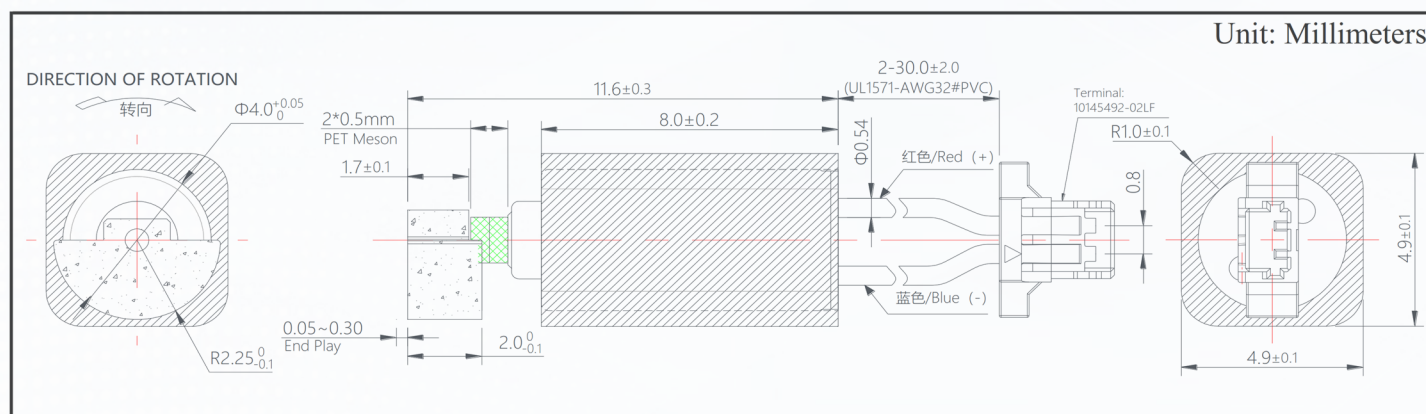


CYLINDRICAL VIBRATION MOTORS
4.90mm
P/N: MHI-1845-S000

Electrical Characteristic

No	Item		Specifications	Remark	
1	Rated Voltage		1.8V DC		
2	Operating Voltage		1.5~3.7V DC		
3	Rotation Direction		CW		
4	Operating Conditions		-10℃～60℃≤60%RH		
5	No Load Current		50 mA Max	Nominal: 26mA	Without Counter-Weight
6	No Load Speed		14500 ± 12% Rpm/min	14259rpm	
7	Rated Current		60 mA Max	Nominal: 32mA	With Counter-Weight
8	Rated Speed		9500 ± 2500 Rpm/min	9280rpm	
9	Rated Load		Counter-Weight		
10	Counter-Weight Details	Material	Tungsten Alloy		
		Size	R2.25*L2.0 mm		
		Mass	0.26 g		
		Centroid Radius	0.781 mm		
11	Vibration Acceleration		1.9 m/s^2	with 100g jig	
			0.19 G		
12	Stall Current		44 mA Max	At rated voltage	
13	Starting Voltage		0.8V DC	In any one position, voltage slowly rises	
14	Terminal Resistance		41 ±5%Ω	Measure between two terminals	
15	Insulation Resistance		10MΩ	Measure between the wires and the shell	
16	Appearance		No any damage		
17	Motor Weight		About 0.8g		
18	Clearance between shafts		0.05~0.30mm		