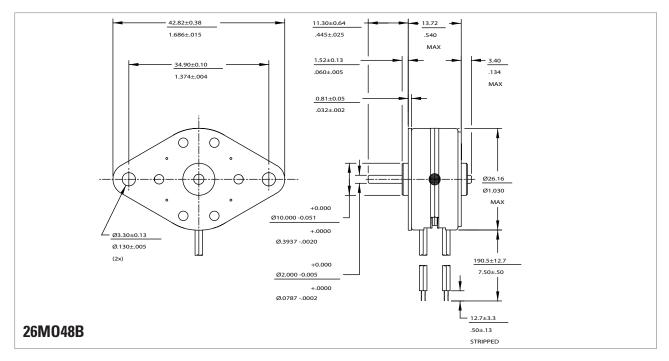
26M048B



Technical Specifications

Part Number		Unipolar		Bipolar		
		26M048B1U	26M048B2U	26M048B1B	26M048B2B	
Rated voltage	(vdc)	5	12	5	12	
Resistance per phase ± 10%	(ohms)	19.60	110.00	19.80	108.00	
Inductance per phase, Typ	(mH)	5.30	36.50	13.00	60.70	
Rated current per phase *	(amps)	0.26	0.11	0.25	0.11	
Holding torque, min *	(oz-in / mNn	1) 1.	3 / 9.2	1.5	/ 10.6	
Step angle *	(degrees)	s) 7.5 ± 0.5°				
Steps per revolution *		48				
Detent torque, max	(oz-in / mNm) 0.19 /1.34					
Thermal resistance	(°C / watt) N.A.					
Rotor moment of inertia	(oz-in-s ² / g-cm ²) 6.01 x 10E-3 / 1.1					
Ambient temperature range						
Operating	(°C)		-20 ~ +	-70		
Storage	(°C)		-40 ~ +	-85		
Bearing type	Sintered Bronze Sleeve					
Insulation resisitance at 500vdc	(vac)	ac) 100 megohms				
Dielectric withstanding voltage	(lbs / g)	bs / g) 650 for 2 seconds				
Weight	.075 /34					
Shaft load ratings, max at 600 rpm						
Radial	(lbs / kg)		.337 /.1	53		
Axial	(lbs / kg)		.337 /.1	53		
Leadwires			AWG 28, U	IL 1429		
Temperature class, max		B(130°C)				
RoHS			Compli	ant		

All motor data values at 25°C unless otherwise specified

www.portescap.com 127

^{*} Energise at rated current, 2 phase on