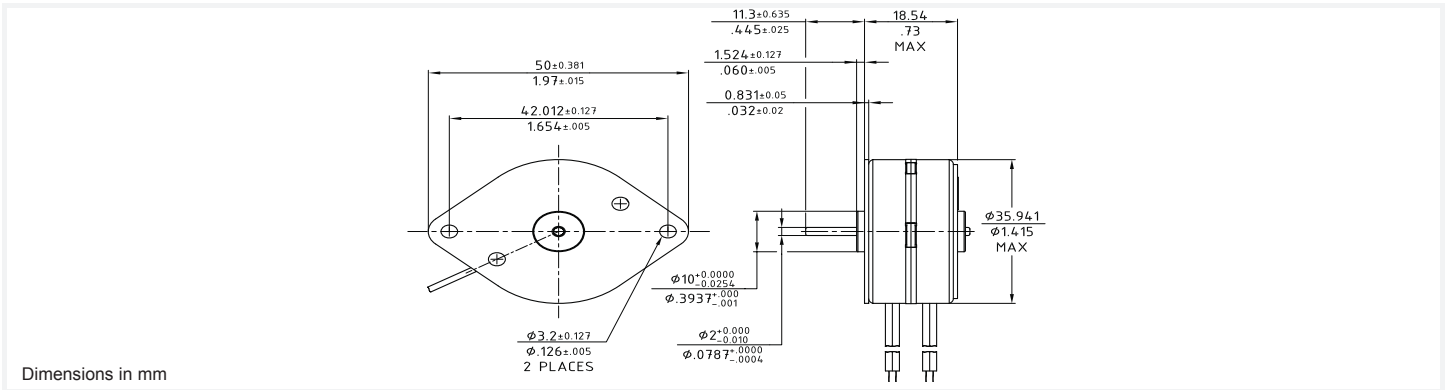


35M048B

RoHS Compliant

Ø35mm

20 mNm



35M048B

Electrical Data	35M048B1U Unipolar	35M048B2U Unipolar	35M048B1B Bipolar	35M048B2B Bipolar	
1 Operating Voltage	5	12	5	12	VDC
2 Resistance per Phase, ± 10%	12.5	72.0	12.5	72.0	Ohms
3 Inductance per Phase, typ	7.8	36.0	16.4	86.0	mH
4 Rated Current per Phase *	0.40	0.17	0.40	0.17	A
Coil independent parameters					
5 Holding Torque, MIN *	18.35 (2.6)	18.35 (2.6)	19.76 (2.8)	19.76 (2.8)	mNm (oz-in)
6 Detent Torque, Max		2.12 (0.3)			mNm (oz-in)
7 Rotor Inertia		2 (0.011)			gcm <sup>2</sup> (oz-in-s <sup>2</sup> )
8 Step Angle		7.5			Degree
9 Absolute accuracy 2 ph. On, Full step		± .5			Degree
10 Steps per Revolution		48.0			
11 Ambient Temp Range (operating)		-20 to +70 (-4 to +158)			°C (°F)
12 Maximum Coil Temperature		130 (266)			°C (°F)
13 Bearing Type		Sintered Bronze Sleeve			
14 Insulation Resistance at 500 VDC		100.0			Mohms
15 Dielectric Withstanding Voltage		650 for 2 seconds			VAC
16 Weight		88 (3.1)			g (oz)
17 Leadwire		AWG #26, UL 1430 (105°C, 300V)			

All Motor Data Values at 20°C Unless Otherwise Specified

\* Energize at Rated Current, 2 Phase On

