

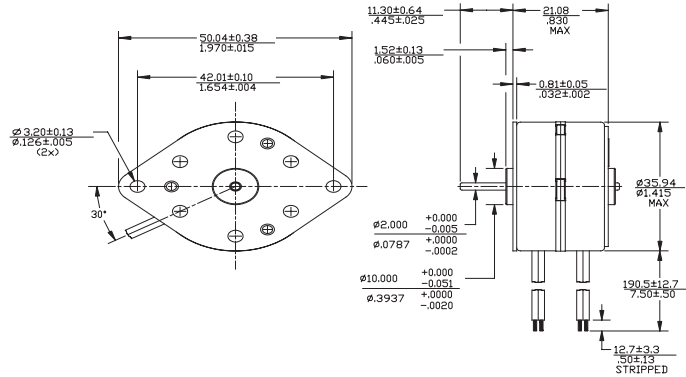
Can Stack Stepper Motors

35L048D

RoHS Compliant

Ø35mm

54 mNm



Dimensions in mm

35L048D

Electrical Data	35L048D1U Unipolar	35L048D2U Unipolar	35L048D1B Bipolar	35L048D2B Bipolar	
1 Operating Voltage	5	12	5	12	VDC
2 Resistance per Phase, ± 10%	11.0	64.0	11.0	64.0	Ohms
3 Inductance per Phase, typ	7.4	35.0	13.0	60.0	mH
4 Rated Current per Phase *	0.45	0.19	0.45	0.19	A
Coil independent parameters					
5 Holding Torque, MIN *	46 (6.5)	46 (6.5)	54 (7.6)	54 (7.6)	mNm (oz-in)
6 Detent Torque, Max			12.1 (1.8)		mNm (oz-in)
7 Rotor Inertia			4 (0.021)		gcm ² (oz-in-s ²)
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

