

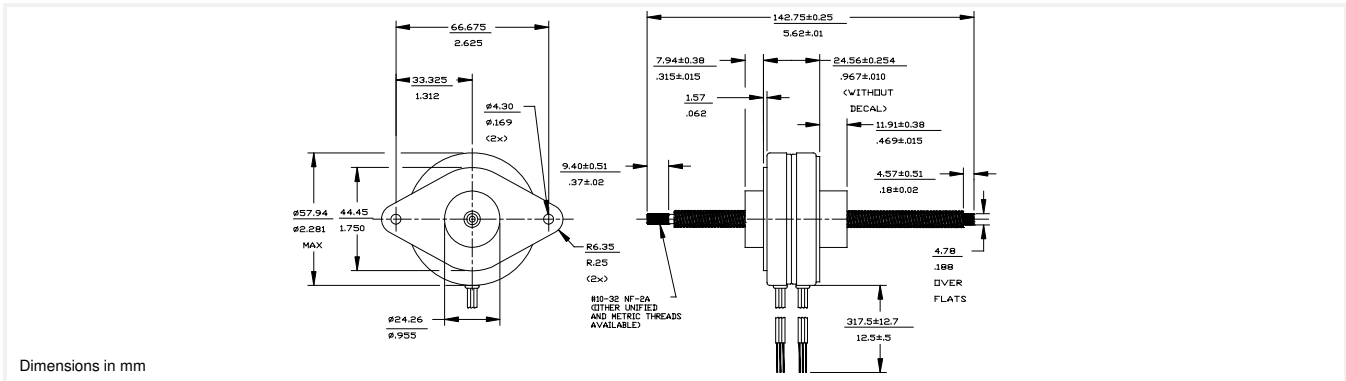
Can Stack Stepper Linear Actuators

57DBM-L

RoHS Compliant

Ø57mm

124.6 N



Dimensions in mm

57DBM-L

Electrical Data	57DBMXXB1B-L Bipolar	57DBMXXB2B-L Bipolar	57DBMXXB1U-L Unipolar	57DBMXXB2U-L Unipolar	
1 Operating Voltage #	5	12	5	12	VDC
2 Resistance per Phase, ± 10%	4.3	25.0	4.3	25.0	Ohms
3 Inductance per Phase, typ	6.3	36.0	5.0	25.0	mH
4 Rated Current per Phase, 1 Phase ON	1.64	0.67	1.64	0.67	A
5 Input Power	12.0	12.0	12.0	12.0	W
Coil independent parameters					
	XX	Linear travel per step			
6 Min. Holding Force @ rated current	10 @ .001" (0.0254mm)	124.6 (448)		89 (320)	N (oz)
	20 @ .002" (0.0508mm)	102.4 (368)		71 (256)	N (oz)
7 Min. Holding Force (Unenergized)	10 @ .001" (0.0254mm)		89 (320)		N (oz)
	20 @ .002" (0.0508mm)		71 (256)		N (oz)
8 Stroke Length, Typ			76.2 (3)		mm (in)
9 Linear Travel Accuracy			± 1 Step		
10 Steps per Revolution			48		
11 Ambient Temperature Range (operating)		-20 to +70 (-4 to +158)			°C (°F)
12 Maximum Coil Temperature		130 (266)			°C (°F)
13 Bearing Type		Ball Bearing			
14 Insulation Resistance at 500 VDC		20			Mohms
15 Dielectric Withstanding Voltage		650 for 5 seconds			VAC
16 Weight		454 (16)			g (oz)
17 Leadwire		AWG 26, MIL-W-16878/4			

All Motor Data Values at 20°C Unless Otherwise Specified

Voltage in case of voltage driver (indicator of R*1)

