



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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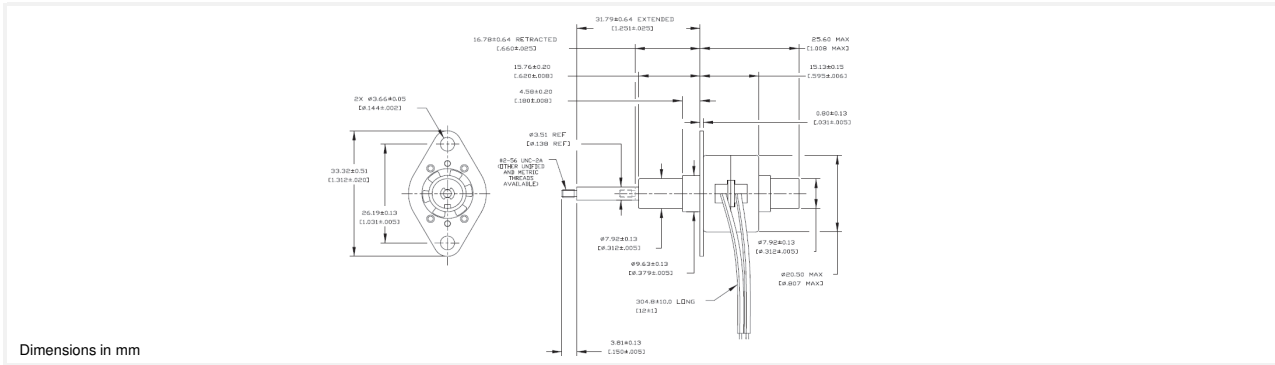
# Can Stack Stepper Linear Actuators

20DAM-K

RoHS Compliant

Ø20mm

30.6 N



## 20DAM-K

Electrical Data	20DAMXXD1B-K	20DAMXXD2B-K	20DAMXXD1U-K	20DAMXXD2U-K	
	Bipolar	Bipolar	Unipolar	Unipolar	
1 Operating Voltage #	5	12	5	12	VDC
2 Resistance per Phase, ± 10%	20.0	115.2	20.0	115.2	Ohms
3 Inductance per Phase, typ	7.2	40.8	3.8	20.3	mH
4 Rated Current per Phase, 1 Phase ON	0.35	0.14	0.35	0.14	A
5 Input Power	2.5	2.5	2.5	2.5	W
<b>Coil independent parameters</b>					
	XX	Linear travel per step			
6 Min. Holding Force @ rated current	10 @ .001" (0.0254mm)	30.6 (110)		20.9 (75)	N (oz)
	20 @ .002" (0.0508mm)	20.9 (75)		13.9 (50)	N (oz)
	40 @ .004" (0.1016mm)	11.1 (40)		8.3 (30)	N (oz)
7 Min. Holding Force (Unenergized)	10 @ .001" (0.0254mm)		20.9 (75)		N (oz)
	20 @ .002" (0.0508mm)		11.1 (40)		N (oz)
	40 @ .004" (0.1016mm)		2.8 (10)		N (oz)
8 Stroke Length, Typ			15 (0.59)		mm (in)
9 Linear Travel Accuracy			± 1 Step		
10 Steps per Revolution			24		
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 2 seconds			VAC
16 Weight		25 (0.88)			g (oz)
17 Leadwire		AWG #28, UL1429 (80° C, 150 V)			
All Motor Data Values at 20°C Unless Otherwise Specified					
# Voltage in case of voltage driver (indicator of R <sup>1</sup> )					

