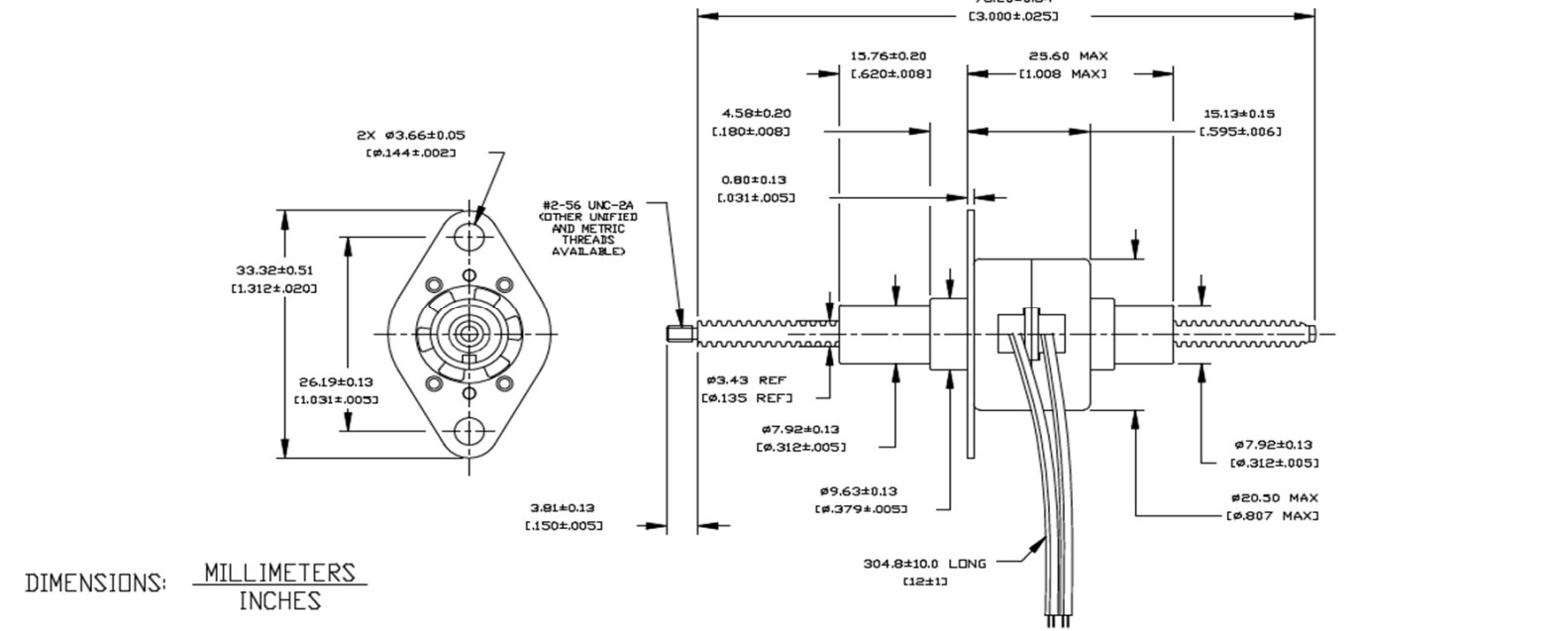


20DAM-L SERIES <NON-CAPTIVE>



20DAM-L

Electrical Data		20DAMXXD1B-L	20DAMXXD2B-L	20DAMXXD1U-L	20DAMXXD2U-L	
		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 *	0.25	0.10	0.25	0.10	A
Coil independent parameters		XX				
5	Max. Holding Force	@ .001" (0.0254mm)	30.6 (110)		20.9 (75)	N (oz)
		@ .002" (0.0508mm)	20.9 (75)		13.9 (50)	N (oz)
		@ .004" (0.1016mm)	11.1 (40)		8.3 (30)	N (oz)
6	Min. Holding Force (Unenergized)	@ .001" (0.0254mm)		55.6 (200)		N (oz)
		@ .002" (0.0508mm)		11.1 (40)		N (oz)
		@ .004" (0.1016mm)		2.8 (10)		N (oz)
7	Maximum travel	@ .001" (0.0254mm)		50 (1.97)		mm (in)
		@ .002" (0.0508mm)		50 (1.97)		mm (in)
		@ .004" (0.1016mm)		50 (1.97)		mm (in)
8	Step Angle		15 ± 1			Degree
9	Steps per Revolution		24			
10	Ambient Temperature Range (operating)		-20 to +70 (-4 to +158)			°C (°F)
11	Maximum Coil Temperature		130 (266)			°C (°F)
12	Bearing Type		Ball Bearing			
13	Insulation Resistance at 500 VDC		20			Mohms
14	Dielectric Withstanding Voltage		650 for 2 seconds			VAC
15	Weight		25 (0.88)			g (oz)
16	Leadwire		AWG 28, UL 1429			

All Motor Data Values at 20°C Unless Otherwise Specified

* Energize at Rated Current, 2 Phase On

