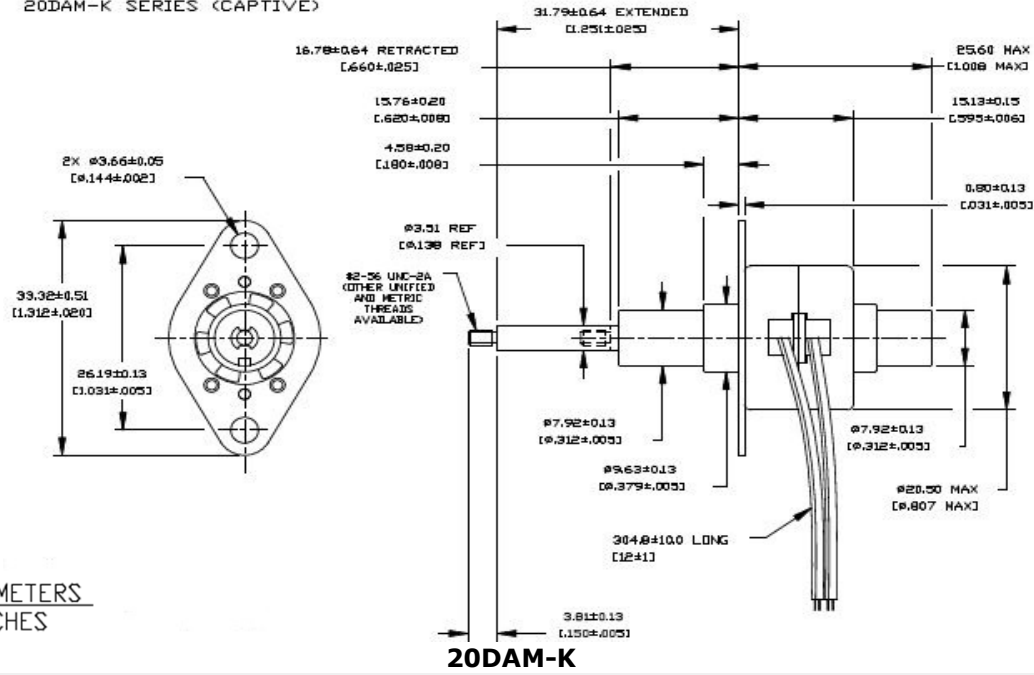


20DAM-K SERIES (CAPTIVE)



DIMENSIONS: MILLIMETERS
INCHES

20DAM-K

Electrical Data		20DAMXXD1B-K Bipolar	20DAMXXD2B-K Bipolar	20DAMXXD1U-K Unipolar	20DAMXXD2U-K 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)			15 (0.59)		mm (in)
	@ .002" (0.0508mm)			15 (0.59)		mm (in)
	@ .004" (0.1016mm)			15 (0.59)		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

