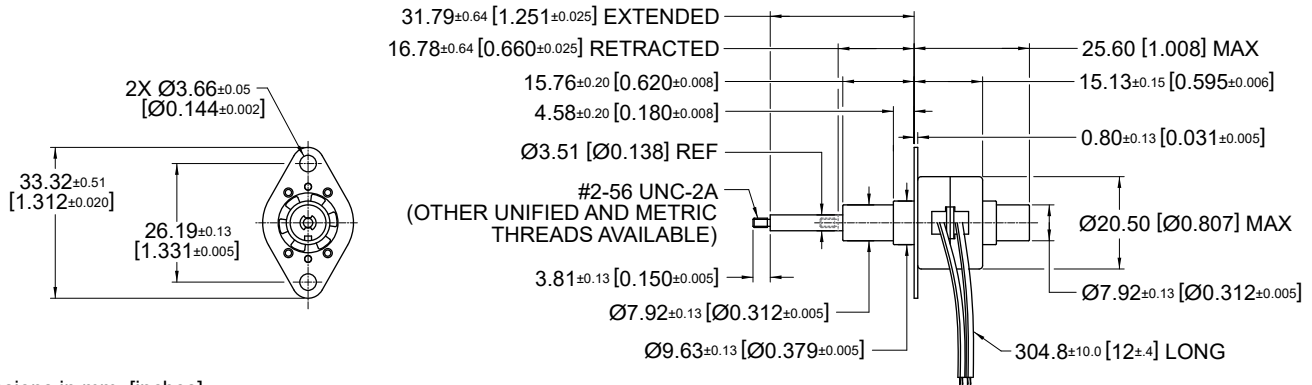


20DAM-K

Ø 20 mm • RoHS Compliant • 30.6 N



Dimensions in mm. [inches]

Electrical Data	20DAMXX●●●-K				Unit
	D1B Bipolar	D2B Bipolar	D1U Unipolar	D2U 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

General Data	XX	Linear travel per step	20DAMXX●●●-K				Unit
			D1B Bipolar	D2B Bipolar	D1U Unipolar	D2U Unipolar	
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)		

Notes: 1. All motor data values at 20° C unless otherwise specified – 2. # Voltage in case of voltage driver (indicator R•I)

