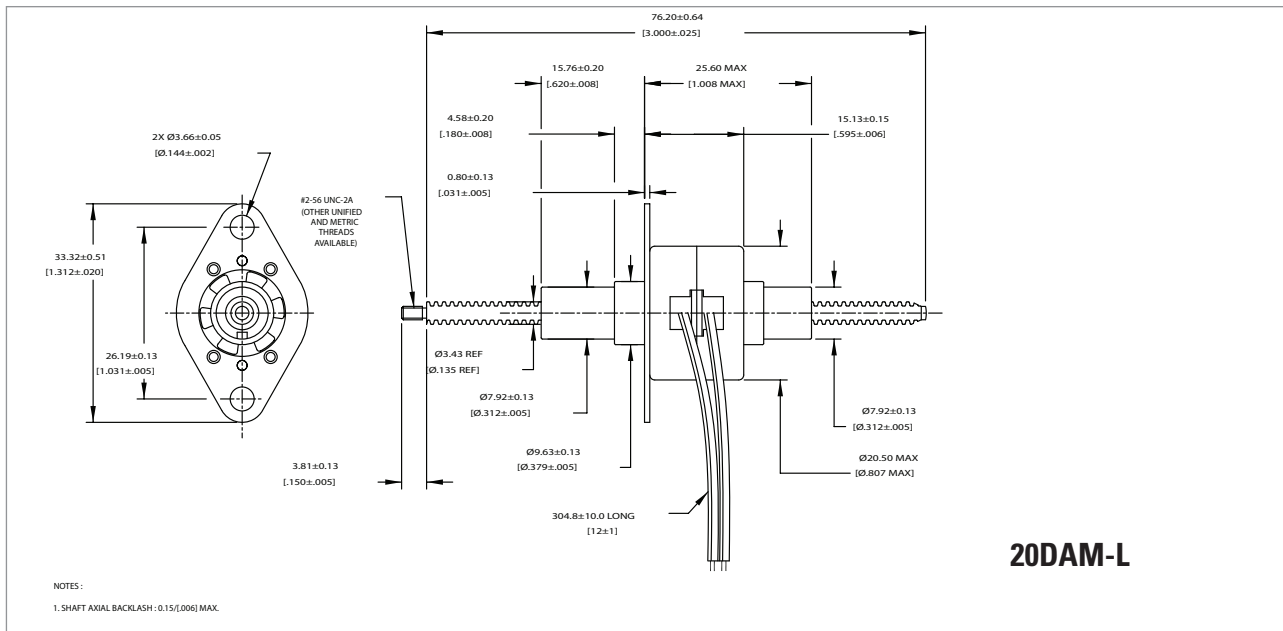


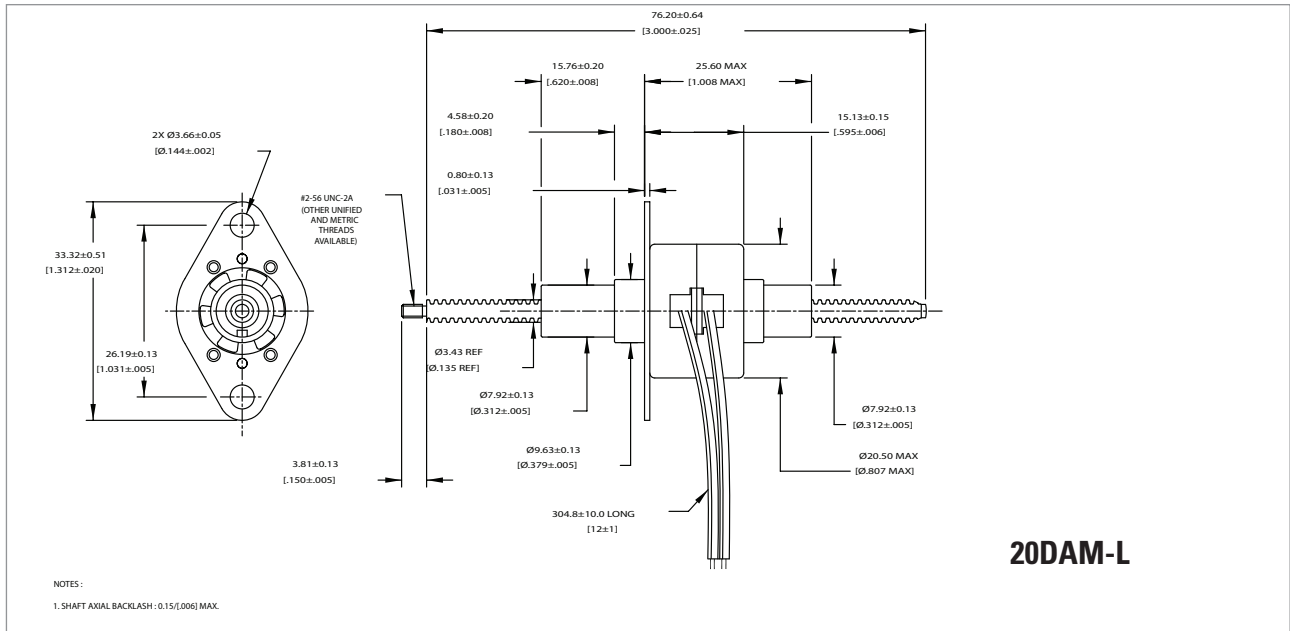
**20DAM-L**



Motor Part Number		20DAMXXD1B-L	20DAMXXD2B-L
<b>Rated voltage</b>	vdc	5.00	12.00
<b>Resistance per phase, ± 10%</b>	ohms	20.00	115.20
<b>Inductance per phase, typ</b>	mH	7.20	40.80
<b>Rated current per phase *</b>	amps	0.25	0.10
<b>Maximum force</b>			
	.001" (0.0254mm)	oz / N	110 / 30.6
	.002" ( 0.0508mm)		75 / 20.9
	.004" (0.1016mm)		40 / 11.1
<b>Minimum force (unenergized)</b>			
	.001" (0.0254mm)	oz / N	200 / 55.6
	.002" ( 0.0508mm)		40 / 11.1
	.004" (0.1016mm)		10 / 2.8
<b>Maximum travel</b>			
	.001" (0.0254mm)	in / mm	1.97 / 50.0
	.002" ( 0.0508mm)		1.97 / 50.0
	.004" (0.1016mm)		1.97 / 50.0
<b>Step angle, ± 1° *</b>	degrees		15.00
<b>Steps per revolution *</b>			24
<b>Thermal resistance</b>	°C/watt		N.A.
<b>Ambient temperature range</b>			
<b>Operating</b>	°C		-20 ~ +70
<b>Storage</b>	°C		-40 ~ +85
<b>Bearing type</b>			Ball bearing
<b>Insulation resistance at 500vdc</b>	Mohms		20 megohms
<b>Dielectric withstanding voltage</b>	vac		650 for 2 seconds
<b>Weight</b>	lbs / g		0.055 / 25
<b>Leadwires</b>			AWG28, UL 1429
<b>Temperature class, max</b>			B (130°C)
<b>RoHS</b>			COMPLIANT

ALL MOTOR DATA VALUES AT 20°C UNLESS OTHERWISE SPECIFIED  
\* ENERGISE AT RATED CURRENT, 2 PHASE ON, L/R Drive

20DAM-L



Motor Part Number		20DAMXXD1U-L	20DAMXXD2U-L
Rated voltage	vdc	5.00	12.00
Resistance per phase, ± 10%	ohms	20.00	115.20
Inductance per phase, typ	mH	3.80	20.30
Rated current per phase *	amps	0.25	0.10
Maximum force	.001" (0.0254mm) .002" ( 0.0508mm) .004" (0.1016mm)	oz / N	75 / 20.9 50 / 13.9 30 / 8.3
Minimum force (unenergized)	.001" (0.0254mm) .002" ( 0.0508mm) .004" (0.1016mm)	oz / N	200 / 55.6 40 / 11.1 10 / 2.8
Maximum travel	.001" (0.0254mm) .002" ( 0.0508mm) .004" (0.1016mm)	in / mm	1.97 / 50.0 1.97 / 50.0 1.97 / 50.0
Step angle, ± 1° *		degrees	15.00
Steps per revolution *			24
Thermal resistance		°C/watt	N.A.
Ambient temperature range			
Operating		°C	-20 ~ +70
Storage		°C	-40 ~ +85
Bearing type			Ball bearing
Insulation resistance at 500vdc		Mohms	20 megohms
Dielectric withstanding voltage		vac	650 for 2 seconds
Weight		lbs / g	0.055 / 25
Leadwires			AWG28, UL 1429
Temperature class, max			B (130°C)
RoHS			COMPLIANT

ALL MOTOR DATA VALUES AT 20°C UNLESS OTHERWISE SPECIFIED  
\* ENERGISE AT RATED CURRENT, 2 PHASE ON , L/R Drive