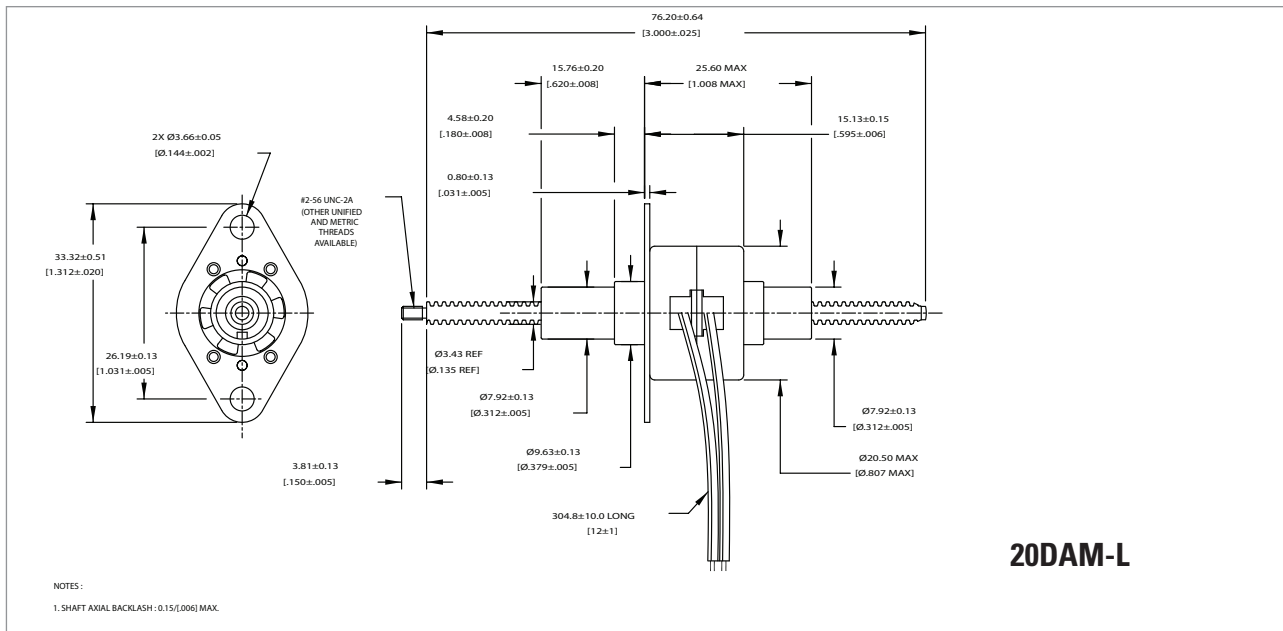


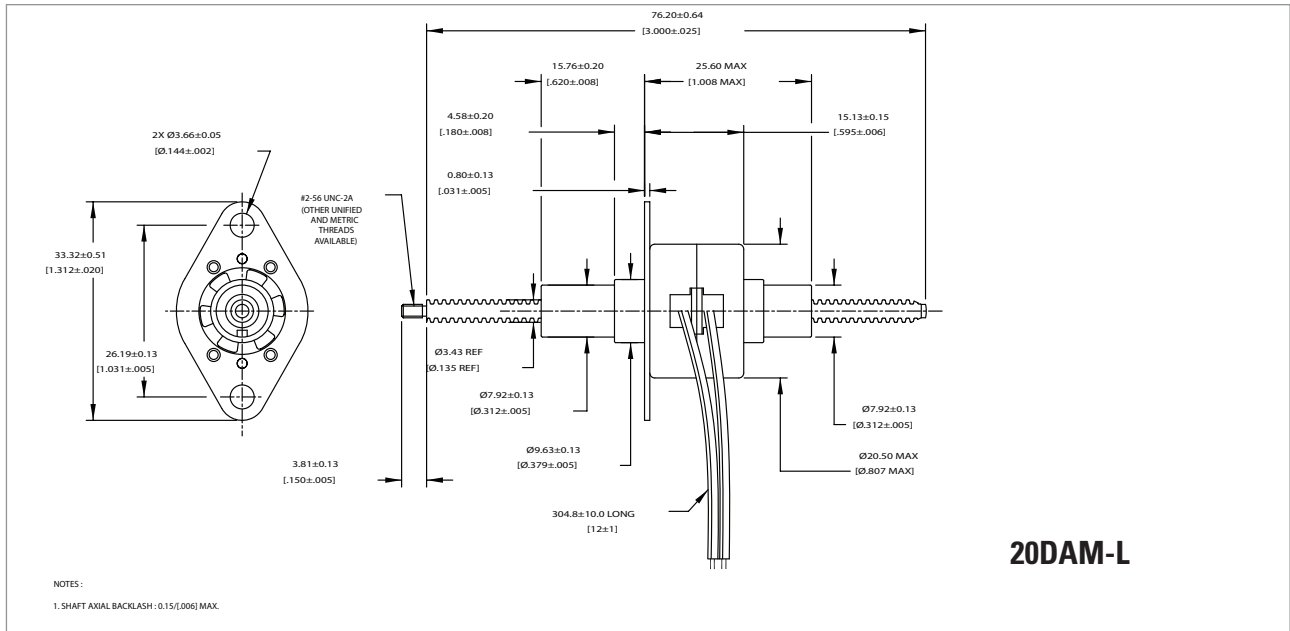
20DAM-L



Motor Part Number		20DAMXXD1B-L	20DAMXXD2B-L
Rated voltage	vdc	5.00	12.00
Resistance per phase, ± 10%	ohms	20.00	115.20
Inductance per phase, typ	mH	7.20	40.80
Rated current per phase *	amps	0.25	0.10
Maximum force	.001" (0.0254mm) .002" (0.0508mm) .004" (0.1016mm)	oz / N	110 / 30.6 75 / 20.9 40 / 11.1
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

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