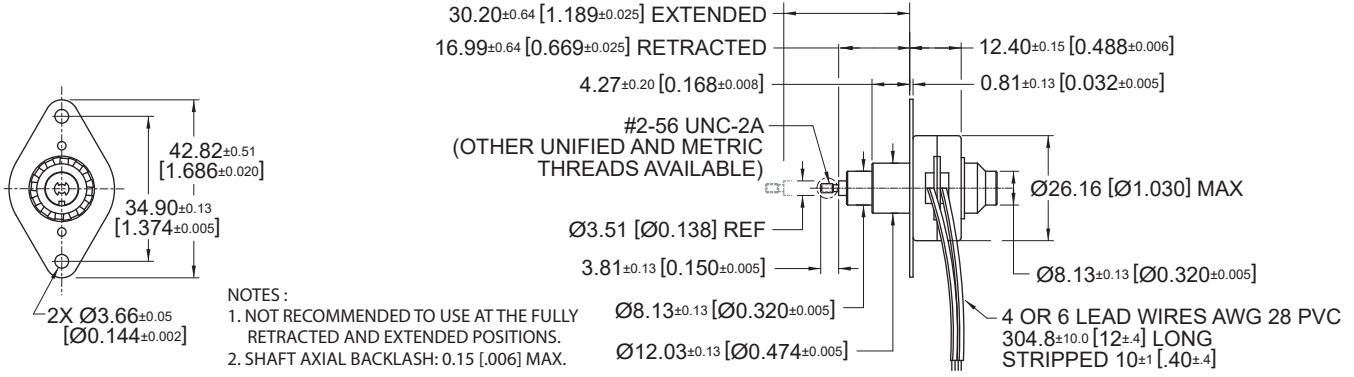


**26DAM-K**

Ø 26 mm • RoHS Compliant • 33.4 N



Dimensions in mm [inches]

| Electrical Data                       | 26DAMXX•••-K |             |              |              | Unit |
|---------------------------------------|--------------|-------------|--------------|--------------|------|
|                                       | D1B Bipolar  | D2B Bipolar | D1U Unipolar | D2U Unipolar |      |
| 1 Operating Voltage #                 | 5            | 12          | 5            | 12           | VDC  |
| 2 Resistance per Phase, ± 10%         | 14.6         | 84.0        | 14.6         | 84.0         | Ohms |
| 3 Inductance per Phase, typ           | 6.5          | 33.6        | 3.8          | 20.5         | mH   |
| 4 Rated Current per Phase, 1 Phase ON | 0.48         | 0.20        | 0.48         | 0.20         | A    |
| 5 Input Power                         | 3.4          | 3.4         | 3.4          | 3.4          | W    |

| General Data                             | XX | Linear travel per step | 26DAMXX•••-K                   |             | Unit    |
|--|----|------------------------|--------------------------------|-------------|---------|
|  |    |                        | D1B Bipolar                    | D2B Bipolar |         |
| 6 Min. Holding Force @ rated current     | 10 | @ .001" (0.0254mm)     | 33.4 (120)                     | 20 (72)     | N (oz)  |
|  | 20 | @ .002" (0.0508mm)     | 25 (90)                        | 15.3 (55)   | N (oz)  |
|  | 40 | @ .004" (0.1016mm)     | 14.5 (52)                      | 8.9 (32)    | N (oz)  |
| 7 Min. Holding Force (Unenergized)       | 10 | @ .001" (0.0254mm)     |                                | 20 (72)     | N (oz)  |
|  | 20 | @ .002" (0.0508mm)     |                                | 13.9 (50)   | N (oz)  |
|  | 40 | @ .004" (0.1016mm)     |                                | 5.56 (20)   | N (oz)  |
| 8 Stroke Length, Typ                     |    |                        | 13.2 (0.52)                    |             | 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                                |    |                        | 34 (1.2)                       |             | 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)

