

View Online at <https://aerobasegroup.com/nsn/5905-00-828-9327>

Section Quantity:

3

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Thread Length:

0.109 inches

Pilot Diameter:

Between 0.9995 inches and 1.0005 inches

Pilot Length:

Between 0.0680 inches and 0.0880 inches

Overall Length:

2.605 inches

Undercut Diameter:

Between 0.970 inches and 0.980 inches

Undercut Width:

Between 0.0570 inches and 0.0670 inches

Body Diameter:

1.000 inches

Shaft Diameter:

0.125 inches

Shaft Length:

Between 0.454 inches and 0.565 inches

Body Length:

2.000 inches

Overall Diameter:

1.320 inches

Mounting Lip Diameter:

Between 1.0570 inches and 1.0670 inches

Mounting Lip Depth:

Between 0.0570 inches and 0.0670 inches

Shaft Style:

Round, threaded

Shaft Bearing Type:

Ball

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

352.0

Maximum Starting Torque:

1.00 inch-ounces

Maximum Running Torque:

0.60 inch-ounces

Shaft End Play:

0.00500 inches

Shaft Runout:

0.001 inches

Lateral Runout:

0.001 inches

Pilot Diameter Runout:

0.00100 inches

Shaft Radial Play:

0.001 inches

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Clamp ring

Electrical Resistance Per Section:

2.000 percent, rated amperes c and better industrial clears

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-0.75/+0.75 3rd section

Power Dissipation Rating Per Section In Watts:

0.25 free air all sections

Function Conformity Per Section:

1st section terminal base linearity

Fixed Tap Quantity Per Section:

1 all sections

Tap Location Tolerance Per Section:

-100.0/+100.0 ohms all sections

Resistance Tolerance Per Section In Percent:

-5.0/+5.0 all sections

Actuator Travel Control Feature:

Continuous motion

Tap Location From Ccw Terminal Per Section In Ohms:

5000.0 3rd section

Function Characteristic Per Section:

All sections linear

Temperature Coefficient Of Resistance Wire Per Section In Ppm Per Deg Celsius:

-85.0/+85.0 all sections

Ambient Temperature In Deg Celsius Per Section At Full Rated Power:

80.0 all sections

Special Features:

0.437 in. Min. Fullspline on shaft

Terminal Type And Quantity:

12 solder stud

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

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