

View Online at <https://aerobasegroup.com/nsn/5905-00-707-0793>

Section Quantity:

2

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 0.7490 inches and 0.7500 inches

Pilot Length:

0.0620 inches

Overall Length:

5.017 inches

Undercut Diameter:

1.875 inches

Undercut Width:

0.0930 inches

Body Diameter:

2.000 inches

Angle Of Mounting Hole In Deg:

90.0

Angle Between Centerlines Of Mounting Holes In Deg:

120.0

Shaft Diameter:

0.250 inches

Shaft Length:

0.938 inches

Body Length:

4.048 inches

Overall Diameter:

2.640 inches

Mounting Lip Diameter:

2.0000 inches

Mounting Lip Depth:

0.0620 inches

Mounting Hole/stud Circle Diameter:

1.250 inches

Shaft Style:

Round

Shaft Bearing Type:

Ball

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

3600.0

Maximum Starting Torque:

2.00 inch-ounces

Maximum Running Torque:

1.50 inch-ounces

Maximum Stop Torque:

480.00 inch-ounces

Shaft End Play:

0.00500 inches

Shaft Runout:

0.001 inches

Lateral Runout:

0.001 inches

Pilot Diameter Runout:

0.00100 inches

Screw Thread Diameter:

0.164 inches

Screw Thread Series Designator:

Unc

Screw Thread Qty Per Inch (tpi):

32.0

Mounting Facility Quantity:

3

Terminal Location:

Radially positioned over more than half the circumference

Mounting Method:

Threaded hole

Electrical Resistance Per Section:

10.000 kilohms all sections

Tap Location From Ccw Terminal Per Section In Deg Of Effective Electrical Rotation:

450.0 2nd section and 900.0 2nd section and 1350.0 2nd section and 1800.0 2nd section and 2250.0 2nd section and 2700.0 2nd section and 3150.0 2nd section

Rotary Actuator Travel In Angular Deg:

3600.0

Function Conformity Tolerance Per Section:

-0.025/+0.025 all sections

Ambient Temperature In Deg Celsius Per Section At Zero Percent Rated Power:

85.0 all sections

Power Dissipation Rating Per Section In Watts:

5.0 free air all sections

Function Conformity Per Section:

All sections independent linearity

Fixed Tap Quantity Per Section:

7 2nd section

Tap Location Tolerance Per Section:

-0.5/+0.5 degrees angular rotation all sections

Resistance Tolerance Per Section In Percent:

-0.5/+0.5 all sections

Actuator Travel Control Feature:

Stops

Function Characteristic Per Section:

All sections linear

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

-25.0/+25.0 all sections

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

40.0 all sections

Terminal Type And Quantity:

26 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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