

View Online at <https://aerobasegroup.com/nsn/5905-00-140-0206>

Section Quantity:

2

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 0.74900 inches and 0.75000 inches

Pilot Length:

0.06250 inches

liilength:

5.968 inches

Undercut Diameter:

Between 1.874 inches and 1.875 inches

Undercut Width:

0.06250 inches

Angle Of Mounting Hole In Deg:

30.0

Angle Between Centerlines Of Mounting Holes In Deg:

120.0

Shaft Diameter:

Between 0.2494 inches and 0.2497 inches

Shaft Length:

Between 1.532 inches and 1.594 inches

Body Length:

4.281 inches

liidiameter:

2.000 inches

Mounting Lip Diameter:

2.00000 inches

Mounting Lip Depth:

0.09375 inches

Mounting Hole/stud Circle Diameter:

1.250 inches

Shaft Style:

Round

Contact Arm Electrical Off Position:

Fully ccw

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

3600.0

Maximum Starting Torque:

2.60 inch-ounces

Maximum Running Torque:

1.80 inch-ounces

Maximum Stop Torque:

550.00 inch-ounces

Shaft End Play:

0.00500 inches

Shaft Radial Play:

0.001 inches

Screw Thread Diameter:

0.164 inches

Screw Thread Series Designator:

Unc

Screw Thready Qty Per Inch (tpi):

32.0

Mounting Facility Quantity:

3

Terminal Location:

Radially positioned over more than half the circumference

Mounting Method:

Clamp ring and threaded hole

Electrical Resistance Per Section:

1.000 kilohms all sections

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

2666.0 2nd section

Rotary Actuator Travel In Angular Deg:

Between 3636.0 and 3641.0

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

80.0 single section

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

-20.0 to 20.0 single section

Power Dissipation Rating Per Section In Watts:

5.0 free air single section

Fixed Tap Quantity Per Section:

1 2nd section

Tap Location Tolerance Per Section:

-2.0 to 2.0 degrees angular rotation single section

Resistance Tolerance Per Section In Percent:

-5.0 to 5.0 all sections

Actuator Travel Control Feature:

Stops

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

40.0 single section

Terminal Type And Quantity:

8 tab, solder lug

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

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