

View Online at <https://aerobasegroup.com/nsn/5905-00-847-2481>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 1.8750 inches and 1.8760 inches

Pilot Length:

Between 0.0570 inches and 0.0670 inches

Overall Length:

3.641 inches

Undercut Diameter:

0.750 inches

Undercut Width:

0.0620 inches

Body Diameter:

1.875 inches

Shaft Diameter:

Between 0.248 inches and 0.250 inches

Shaft Length:

Between 0.594 inches and 0.656 inches

Body Length:

3.016 inches

Overall Diameter:

2.300 inches

Mounting Lip Diameter:

Between 1.9950 inches and 2.0050 inches

Mounting Lip Depth:

Between 0.0880 inches and 0.0980 inches

Shaft Style:

Round

Shaft Bearing Type:

Ball

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

Between 7200.0 and 7201.0

Maximum Starting Torque:

1.00 inch-ounces

Maximum Running Torque:

0.75 inch-ounces

Shaft End Play:

0.004 inches

Shaft Runout:

0.001 inches

Lateral Runout:

0.001 inches

Pilot Diameter Runout:

0.0015 inches

Shaft Radial Play:

0.001 inches

Terminal Location:

Upper adjacent side two rows

Mounting Method:

Clamp ring

Electrical Resistance Per Section:

5.0 kilohms single section

Rotary Actuator Travel In Angular Deg:

Between 7376.0 and 7384.0

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

85.0 single section

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

-100.0/+100.0 single section

Power Dissipation Rating Per Section In Watts:

10.0 free air single section

Fixed Tap Quantity Per Section:

3 single section

Tap Location Tolerance Per Section:

-5.0/+5.0 ohms single section

Resistance Tolerance Per Section In Percent:

-5.0/+5.0 single section

Actuator Travel Control Feature:

Stops

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

60.0 single section

Standard Taper Curve Per Section:

A single section

Terminal Type And Quantity:

6 solder stud

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

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