

View Online at <https://aerobasegroup.com/nsn/5905-00-950-7660>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 0.4365 inches and 0.4370 inches

Pilot Length:

Between 0.0570 inches and 0.0670 inches

Overall Length:

Between 1.047 inches and 1.057 inches

Undercut Diameter:

Between 0.4365 inches and 0.437 inches

Undercut Width:

Between 0.0570 inches and 0.0670 inches

Body Diameter:

0.500 inches

Shaft Diameter:

Between 0.1243 inches and 0.1245 inches

Shaft Length:

0.250 inches

Body Length:

Any acceptable

Overall Diameter:

0.500 inches

Mounting Lip Diameter:

0.5000 inches

Mounting Lip Depth:

Between 0.6410 inches and 0.6510 inches

Shaft Style:

Round, slotted

Shaft Bearing Type:

Ball

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

Between 287.0 and 297.0

Maximum Starting Torque:

1.50 inch-ounces

Maximum Running Torque:

0.75 inch-ounces

Shaft End Play:

0.006 inches

Lateral Runout:

0.001 inches

Pilot Diameter Runout:

0.001 inches

Shaft Radial Play:

0.001 inches

Terminal Location:

Rear end

Mounting Method:

Clamp ring

Electrical Resistance Per Section:

2.0 kilohms single section

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-1.00/+1.00 single section

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

150.0 single section

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

-50.0/+50.0 single section

Power Dissipation Rating Per Section In Watts:

4.0 free air single section

Function Conformity Per Section:

Single section independent linearity

Fixed Tap Quantity Per Section:

1 single section

Tap Location Tolerance Per Section:

-2.0/+2.0 degrees angular rotation single section

Resistance Tolerance Per Section In Percent:

-3.0/+3.0 single section

Actuator Travel Control Feature:

Continuous motion

Function Characteristic Per Section:

Single section linear

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

85.0 single section

Terminal Type And Quantity:

4 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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