

View Online at <https://aerobasegroup.com/nsn/5905-00-821-3246>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 0.6250 inches and 0.6260 inches

Pilot Length:

Between 0.0570 inches and 0.0620 inches

Overall Length:

2.073 inches

Undercut Diameter:

Between 0.865 inches and 0.875 inches

Undercut Width:

Between 0.0630 inches and 0.0700 inches

Body Diameter:

0.880 inches

Shaft Diameter:

0.250 inches

Shaft Length:

Between 0.483 inches and 0.517 inches

Body Length:

1.573 inches

Overall Diameter:

1.083 inches

Mounting Lip Diameter:

Between 0.8650 inches and 0.8750 inches

Mounting Lip Depth:

Between 0.0570 inches and 0.0620 inches

Shaft Style:

Round

Contact Arm Electrical Off Position:

Fully cw

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

Between 359.0 and 360.0

Maximum Starting Torque:

0.40 inch-ounces

Maximum Running Torque:

0.30 inch-ounces

Maximum Stop Torque:

130.00 inch-ounces

Shaft End Play:

0.002 inches

Mechanical Backlash In Deg Angular Rotation:

0.1

Terminal Location:

Lower adjacent side single row

Mounting Method:

Clamp ring

Electrical Resistance Per Section:

10.0 kilohms single section

Rotary Actuator Travel In Angular Deg:

Between 3600.0 and 3630.0

Function Conformity Tolerance Per Section:

-0.05/+0.05 single section

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

125.0 single section

Power Dissipation Rating Per Section In Watts:

2.0 free air single section

Function Conformity Per Section:

Single section independent linearity

Fixed Tap Quantity Per Section:

1 single section

Resistance Tolerance Per Section In Percent:

-1.0/+1.0 single section

Actuator Travel Control Feature:

Clutch

Tap Location From Ccw Terminal Per Section In Ohms:

5000.0 single section

Function Characteristic Per Section:

Single section linear

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

40.0 single section

Test Data Document:

10001-2075046 drawing (this is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard or other document that may be referenced in a basic governing drawing)

Terminal Type And Quantity:

3 solder stud

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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