

View Online at <https://aerobasegroup.com/nsn/5905-00-649-9072>

Section Quantity:

2

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 1.87400 inches and 1.87500 inches

Pilot Length:

Between 0.05700 inches and 0.06700 inches

Undercut Diameter:

1.984 inches

Undercut Width:

Between 0.07300 inches and 0.08300 inches

Body Diameter:

Between 1.995 inches and 2.005 inches

Shaft Diameter:

Between 0.249 inches and 0.250 inches

Shaft Length:

Between 0.360 inches and 0.420 inches

Body Length:

2.143 inches

Mounting Lip Diameter:

Between 1.99500 inches and 2.00500 inches

Mounting Lip Depth:

Between 0.08800 inches and 0.09800 inches

Shaft Style:

Round, slotted

Shaft Bearing Type:

Ball

Actuator Type:

Double ended shaft

Effective Electrical Rotation In Deg Angular Rotation:

360.0

Maximum Starting Torque:

2.50 inch-ounces

Shaft End Play:

0.00500 inches

Lateral Runout:

0.004 inches

Shaft Radial Play:

0.001 inches

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Clamp ring

Electrical Resistance Per Section:

20.000 kilohms all sections

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

90.0 all sections

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-0.50/+0.50 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:

3.0 free air all sections

Function Conformity Per Section:

All sections independent linearity

Fixed Tap Quantity Per Section:

2 2nd section

Resistance Tolerance Per Section In Percent:

-5.0/+5.0 all sections

Actuator Travel Control Feature:

Continuous motion

Function Characteristic Per Section:

All sections linear

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

40.0 all sections

Terminal Type And Quantity:

10 solder stud

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

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