

View Online at <https://aerobasegroup.com/nsn/5905-00-856-1508>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 1.8745 inches and 1.8755 inches

Pilot Length:

Between 0.0570 inches and 0.0670 inches

Overall Length:

Between 3.563 inches and 3.687 inches

Undercut Diameter:

1.850 inches

Undercut Width:

0.0730 inches

Body Diameter:

Between 1.995 inches and 2.005 inches

Shaft Diameter:

Between 0.249 inches and 0.250 inches

Shaft Length:

Between 0.594 inches and 0.656 inches

Body Length:

Between 2.969 inches and 3.031 inches

Overall Diameter:

Between 1.995 inches and 2.005 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 7199.0 and 7200.0

Maximum Starting Torque:

2.00 inch-ounces

Maximum Running Torque:

1.40 inch-ounces

Pilot Diameter Runout:

0.002 inches

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Clamp ring

Electrical Resistance Per Section:

20.0 kilohms single section

Rotary Actuator Travel In Angular Deg:

Between 7375.0 and 7385.0

Function Conformity Tolerance Per Section:

-0.01/+0.01 single section

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:

-300.0/+300.0 single section

Power Dissipation Rating Per Section In Watts:

5.0 free air single section

Function Conformity Per Section:

Single section independent linearity

Resistance Tolerance Per Section In Percent:

-5.0/+5.0 single section

Actuator Travel Control Feature:

Stops

Function Characteristic Per Section:

Single section linear

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

40.0 single section

Terminal Type And Quantity:

5 tab, solder lug

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

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