

View Online at <https://aerobasegroup.com/nsn/5905-00-808-5995>

Section Quantity:

2

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 0.6240 inches and 0.6250 inches

Pilot Length:

Between 0.0520 inches and 0.0720 inches

Overall Length:

Between 2.702 inches and 2.791 inches

Undercut Diameter:

0.624 inches

Undercut Width:

0.0570 inches

Body Diameter:

Between 0.870 inches and 0.880 inches

Shaft Diameter:

0.624 inches

Shaft Length:

Between 0.358 inches and 0.392 inches

Body Length:

Between 2.292 inches and 2.327 inches

Overall Diameter:

1.085 inches

Mounting Lip Diameter:

Between 0.8700 inches and 0.8800 inches

Mounting Lip Depth:

Between 0.0570 inches and 0.0620 inches

Shaft Style:

Round

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

1800.0

Maximum Starting Torque:

1.40 inch-ounces

Maximum Running Torque:

1.20 inch-ounces

Maximum Stop Torque:

160.00 inch-ounces

Shaft End Play:

0.005 inches

Shaft Runout:

0.001 inches

Lateral Runout:

0.002 inches

Pilot Diameter Runout:

0.001 inches

Shaft Radial Play:

0.001 inches

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Clamp ring

Features Provided:

Nonmetallic shaft

Electrical Resistance Per Section:

50.0 percent, rated amperes c and better finish

Rotary Actuator Travel In Angular Deg:

1800.0

Function Conformity Tolerance Per Section:

-0.20/+0.20 2nd section

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

125.0 all sections

Power Dissipation Rating Per Section In Watts:

1.9 free air all sections and 0.5 free air all sections

Function Conformity Per Section:

1st section zero based linearity

Fixed Tap Quantity Per Section:

1 2nd section

Tap Location Tolerance Per Section:

-5.0/+5.0 ohms all sections

Resistance Tolerance Per Section In Percent:

-3.0/+3.0 all sections

Actuator Travel Control Feature:

Stops

Function Characteristic Per Section:

All sections linear

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

-20.0/+20.0 all sections

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

40.0 all sections

Terminal Type And Quantity:

6 solder stud

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

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