

View Online at <https://aerobasegroup.com/nsn/5905-00-082-8335>

Section Quantity:

2

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

1.8750 inches

Pilot Length:

0.0620 inches

Overall Length:

4.875 inches

Undercut Diameter:

1.875 inches

Undercut Width:

0.0730 inches

Body Diameter:

2.031 inches

Shaft Diameter:

0.250 inches

Shaft Length:

0.625 inches

Body Length:

4.250 inches

Mounting Lip Diameter:

2.0000 inches

Mounting Lip Depth:

0.0930 inches

Shaft Style:

Round

Shaft Bearing Type:

Bearing

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

3600.0

Maximum Starting Torque:

2.60 inch-ounces

Maximum Running Torque:

1.80 inch-ounces

Maximum Stop Torque:

480.00 inch-ounces

Shaft End Play:

0.0025 inches

Shaft Runout:

0.001 inches

Lateral Runout:

0.001 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:

Shaft

Features Provided:

Panel seal

Electrical Resistance Per Section:

40.0 kilohms 2nd section

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

288.0 2nd section and 576.0 2nd section and 864.0 2nd section and 1152.0 2nd section and 1440.0 2nd section and 2016.0 2nd section

Rotary Actuator Travel In Angular Deg:

3600.0

Function Conformity Tolerance Per Section:

-0.10 to 0.10 2nd section

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

85.0 all sections

Power Dissipation Rating Per Section In Watts:

5.0 free air all sections

Function Conformity Per Section:

1st section terminal base linearity

Fixed Tap Quantity Per Section:

6 2nd section

Tap Location Tolerance Per Section:

-1.0 to 1.0 degrees angular rotation 2nd section

Resistance Tolerance Per Section In Percent:

-5.0/+5.0 all sections

Actuator Travel Control Feature:

Stops

Function Characteristic Per Section:

2nd section table

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

Precious Material And Location:

Terminal surface gold

Precious Material:

Gold

Test Data Document:

50040-175896 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

Terminal Type And Quantity:

12 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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