

View Online at <https://aerobasegroup.com/nsn/5905-00-865-8945>

Section Quantity:

2

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 0.6245 inches and 0.6250 inches

Pilot Length:

0.0620 inches

Overall Length:

2.660 inches

Undercut Diameter:

Between 0.6245 inches and 0.625 inches

Undercut Width:

0.0620 inches

Body Diameter:

0.930 inches

Shaft Diameter:

0.124 inches

Shaft Length:

Between 0.600 inches and 0.660 inches

Body Length:

2.000 inches

Overall Diameter:

1.115 inches

Mounting Lip Diameter:

0.8750 inches

Mounting Lip Depth:

0.0620 inches

Shaft Style:

Round

Shaft Bearing Type:

Ball

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

3600.0

Maximum Starting Torque:

0.60 inch-ounces

Maximum Running Torque:

0.50 inch-ounces

Maximum Stop Torque:

56.00 inch-ounces

Shaft End Play:

0.002 inches

Shaft Runout:

0.001 inches

Lateral Runout:

0.005 inches

Pilot Diameter Runout:

0.0015 inches

Mechanical Backlash In Deg Angular Rotation:

0.5

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Clamp ring

Features Provided:

Nonmetallic shaft

Electrical Resistance Per Section:

20.0 kilohms single section

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

1800.0 all sections

Rotary Actuator Travel In Angular Deg:

3780.0

Function Conformity Tolerance Per Section:

-0.10/+0.10 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:

1.0 free air single section

Function Conformity Per Section:

Single section terminal base linearity

Fixed Tap Quantity Per Section:

1 2nd section

Resistance Tolerance Per Section In Percent:

-3.0/+3.0 single section

Actuator Travel Control Feature:

Stops

Tap Location From Ccw Terminal Per Section In Ohms:

10000.0 all sections

Function Characteristic Per Section:

Single section linear

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

-20.0/+20.0 single section

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

40.0 single section

Test Data Document:

06481-mil-t-5422c 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:

8 tab, solder lug

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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