

View Online at <https://aerobasegroup.com/nsn/5905-00-889-5538>

Section Quantity:

4

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 1.5610 inches and 1.5620 inches

Pilot Length:

0.0620 inches

Undercut Diameter:

Between 1.561 inches and 1.562 inches

Undercut Width:

0.0730 inches

Body Diameter:

1.750 inches

Shaft Diameter:

Between 0.2494 inches and 0.2499 inches

Shaft Length:

Between 0.718 inches and 0.782 inches

Body Length:

2.681 inches

Mounting Lip Diameter:

1.7500 inches

Mounting Lip Depth:

0.0930 inches

Shaft Style:

Round

Shaft Bearing Type:

Ball

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

Between 335.0 and 337.0

Maximum Starting Torque:

0.70 inch-ounces

Maximum Running Torque:

0.60 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

Fragility Factor:

Moderately rugged

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Clamp ring

Features Provided:

Humidity proof

Electrical Resistance Per Section:

50.0 percent, rated amperes c and better select

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-0.50/+0.50 1st section

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

90.0 all sections

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

-20.0/+20.0 all sections

Power Dissipation Rating Per Section In Watts:

2.5 free air all sections

Function Conformity Per Section:

1st section independent linearity

Fixed Tap Quantity Per Section:

1 all sections

Resistance Tolerance Per Section In Percent:

-5.0/+5.0 all sections

Actuator Travel Control Feature:

Continuous motion

Function Characteristic Per Section:

9 oclock all primaries

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

60.0 all sections

Standard Taper Curve Per Section:

A 4th section

Special Features:

Sections 1-3 are precision variable resistors and section 4 is not

Terminal Type And Quantity:

16 tab, solder lug

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

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