

View Online at <https://aerobasegroup.com/nsn/5905-01-064-3764>

Section Quantity:

2

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 1.3120 inches and 1.3125 inches

Pilot Length:

Between 0.0570 inches and 0.0670 inches

Undercut Diameter:

Between 1.280 inches and 1.290 inches

Undercut Width:

Between 0.0680 inches and 0.0780 inches

Body Diameter:

1.432 mils and 1.442 centimeters

Shaft Diameter:

Between 0.2494 inches and 0.2497 inches

Shaft Length:

Between 0.600 inches and 0.640 inches

Body Length:

1.510 inches

Mounting Lip Diameter:

Between 1.4320 inches and 1.4420 inches

Mounting Lip Depth:

0.0880 mils and 0.0980 centimeters

Shaft Style:

Round

Shaft Bearing Type:

Sleeve

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

340.0

Maximum Starting Torque:

0.60 inch-ounces

Maximum Running Torque:

0.40 inch-ounces

Shaft Runout:

0.001 inches

Lateral Runout:

0.001 inches

Pilot Diameter Runout:

0.001 inches

Shaft Radial Play:

0.001 inches

Mechanical Backlash In Deg Angular Rotation:

0.25

Fragility Factor:

Moderately rugged

Terminal Location:

Radially positioned over more than half the circumference

Mounting Method:

Clamp ring

Features Provided:

Humidity proof

Cubic Measure:

1.573 cubic inches

Electrical Resistance Per Section:

5.0 percent, rated amperes c and better

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

170.0 all sections

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-0.50/+0.50 all sections

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

125.0 all sections

Power Dissipation Rating Per Section In Watts:

1.0 7th secondary at 10'30 oclock

Function Conformity Per Section:

All sections independent linearity

Fixed Tap Quantity Per Section:

2 all sections

Tap Location Tolerance Per Section:

-1.0/+1.0 ohms all sections

Resistance Tolerance Per Section In Percent:

-10.0/+10.0 all sections

Actuator Travel Control Feature:

Continuous motion

Tap Location From Ccw Terminal Per Section In Ohms:

2500.0 all sections

Function Characteristic Per Section:

6 oclock 7th primary

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

75.0 all sections

Special Features:

One terminal not electrically connected

Test Data Document:

03956-1803993 drawing (this is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard or other document that may be referenced in a basic governing drawing)

Terminal Type And Quantity:

10 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

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