

View Online at <https://aerobasegroup.com/nsn/5905-00-929-7938>

Section Quantity:

8

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 0.9683 inches and 0.9688 inches

Pilot Length:

Between 0.0570 inches and 0.0670 inches

Undercut Diameter:

Between 1.052 inches and 1.067 inches

Undercut Width:

Between 0.0570 inches and 0.0670 inches

Body Diameter:

Between 1.099 inches and 1.109 inches

Shaft Diameter:

Between 0.1245 inches and 0.1250 inches

Shaft Length:

Between 0.734 inches and 0.766 inches

Mounting Stud Length:

Between 0.250 inches and 0.281 inches

Body Length:

Between 3.360 inches and 3.400 inches

Mounting Lip Diameter:

Between 1.0520 inches and 1.0670 inches

Mounting Lip Depth:

Between 0.0570 inches and 0.0670 inches

Shaft Style:

Round, slotted

Shaft Bearing Type:

Bearing

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

360.0

Maximum Starting Torque:

4.00 inch-ounces

Maximum Running Torque:

4.00 inch-ounces

Shaft End Play:

0.001 inches

Shaft Radial Play:

0.001 inches

Mechanical Backlash In Deg Angular Rotation:

0.25

Fragility Factor:

Moderately rugged

Screw Thread Diameter:

0.112 inches

Screw Thread Series Designator:

Unc

Screw Thready Qty Per Inch (tpi):

40.0

Mounting Facility Quantity:

2

Terminal Location:

Radially positioned over more than half the circumference

Mounting Method:

Clamp ring and threaded stud

Features Provided:

Humidity proof

Electrical Resistance Per Section:

5.0 kilohms all sections

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

0.0 7th section and 12.0 7th section and 48.0 7th section and 109.0 7th section and 128.0 7th section and 140.0 7th section and 152.0 7th section and 350.0 7th section

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-0.50/+0.50 all sections

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

-50.0/+50.0 all sections

Power Dissipation Rating Per Section In Watts:

0.25 free air all sections

Function Conformity Per Section:

All sections absolute linearity

Fixed Tap Quantity Per Section:

8 1st section

Tap Location Tolerance Per Section:

-1.0/+1.0 degrees angular rotation all sections

Resistance Tolerance Per Section In Percent:

-10.0/+10.0 all sections

Actuator Travel Control Feature:

Continuous motion

Function Characteristic Per Section:

All sections linear

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

100.0 all sections

Unpackaged Unit Weight:

6.0 grams

Test Data Document:

80045-361644 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:

77 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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