

View Online at <https://aerobasegroup.com/nsn/5905-01-238-5270>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 0.7495 inches and 0.7500 inches

Pilot Length:

0.0570 inches

First Flat Length:

Between 0.840 inches and 0.860 inches

Flat Height:

Between 0.113 inches and 0.117 inches

Undercut Diameter:

0.781 inches

Undercut Width:

Between 0.0570 inches and 0.0670 inches

Body Diameter:

1.062 inches

Shaft Diameter:

Between 0.1245 inches and 0.1249 inches

Shaft Length:

Between 0.844 inches and 0.906 inches

Body Length:

0.812 inches

Mounting Lip Diameter:

Between 0.8650 inches and 0.8800 inches

Mounting Lip Depth:

Between 0.0570 inches and 0.0670 inches

Shaft Style:

Round, flatted

Shaft Bearing Type:

Bearing

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

Between 348.0 and 352.0

Maximum Starting Torque:

0.30 inch-ounces

Maximum Running Torque:

0.25 inch-ounces

Shaft End Play:

0.005 inches

Shaft Runout:

0.002 inches

Lateral Runout:

0.001 inches

Pilot Diameter Runout:

0.001 inches

Shaft Radial Play:

0.002 inches

Fragility Factor:

Moderately rugged

Terminal Location:

Radially positioned over more than half the circumference

Mounting Method:

Clamp ring

Features Provided:

Humidity proof

Electrical Resistance Per Section:

20.0 kilohms single section

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-0.40/+0.40 single section

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

125.0 single section

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

-20.0/+20.0 single section

Power Dissipation Rating Per Section In Watts:

1.0 free air single section

Function Conformity Per Section:

Single section independent linearity

Fixed Tap Quantity Per Section:

1 single section

Tap Location Tolerance Per Section:

-500.0/+500.0 ohms single section

Resistance Tolerance Per Section In Percent:

-5.0/+5.0 single section

Tap Location From Ccw Terminal Per Section In Ohms:

10000.0 single section

Function Characteristic Per Section:

Single section linear

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

70.0 single section

Terminal Type And Quantity:

4 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

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