

View Online at <https://aerobasegroup.com/nsn/5905-00-615-1764>

Section Quantity:

2

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

0.7500 inches

Pilot Length:

0.0620 inches

Overall Length:

4.594 inches

Undercut Diameter:

1.875 inches

Undercut Width:

0.0620 inches

Body Diameter:

1.875 inches

Angle Of Mounting Hole In Deg:

120.0

Angle Between Centerlines Of Mounting Holes In Deg:

120.0

Shaft Diameter:

0.249 inches

Shaft Length:

0.625 inches

Body Length:

3.969 inches

Mounting Lip Diameter:

2.0000 inches

Mounting Lip Depth:

0.0620 inches

Mounting Hole/stud Circle Diameter:

1.250 inches

Shaft Style:

Round

Shaft Bearing Type:

Bearing

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

3600.0

Maximum Starting Torque:

2.60 inch-ounces

Maximum Running Torque:

1.80 inch-ounces

Shaft End Play:

0.005 inches

Shaft Runout:

0.0005 inches

Lateral Runout:

0.0015 inches

Pilot Diameter Runout:

0.0001 inches

Shaft Radial Play:

0.001 inches

Terminal Location:

Radially positioned over more than half the circumference

Mounting Method:

Clamp ring

Features Provided:

Nonmetallic shaft

Electrical Resistance Per Section:

50.0 kilohms all sections

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

26.0 all sections and 81.0 all sections and 540.0 all sections and 2970.0 all sections and 3474.0 all sections and 3555.0 all sections

Rotary Actuator Travel In Angular Deg:

3600.0

Function Conformity Tolerance Per Section:

-0.10/+0.10 all sections

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

85.0 all sections

Power Dissipation Rating Per Section In Watts:

5.0 free air all sections

Function Conformity Per Section:

All sections independent linearity

Fixed Tap Quantity Per Section:

6 all sections

Tap Location Tolerance Per Section:

-1.0/+1.0 degrees angular rotation all sections

Resistance Tolerance Per Section In Percent:

-3.0/+3.0 all sections

Actuator Travel Control Feature:

Clutch

Function Characteristic Per Section:

All sections linear

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

-20.0/+20.0 all sections

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

40.0 all sections

Terminal Type And Quantity:

18 tab, solder lug

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

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