

View Online at <https://aerobasegroup.com/nsn/5905-00-786-3191>

Section Quantity:

3

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 1.87450 inches and 1.87500 inches

Pilot Length:

Between 0.05200 inches and 0.07200 inches

Overall Length:

Between 2.709 inches and 2.791 inches

Undercut Diameter:

1.984 inches

Undercut Width:

Between 0.05200 inches and 0.07200 inches

Body Diameter:

Between 1.990 inches and 2.010 inches

Shaft Diameter:

Between 0.115 inches and 0.135 inches

Shaft Length:

Between 0.719 inches and 0.781 inches

Body Length:

Between 1.650 inches and 1.670 inches

Overall Diameter:

Between 1.990 inches and 2.010 inches

Mounting Lip Diameter:

2.01600 inches

Mounting Lip Depth:

Between 0.05200 inches and 0.07200 inches

Shaft Style:

Round

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

1080.0

Maximum Starting Torque:

3.00 inch-ounces

Maximum Running Torque:

2.70 inch-ounces

Maximum Stop Torque:

200.00 inch-ounces

Shaft End Play:

0.00300 inches

Shaft Runout:

0.0008 inches

Lateral Runout:

0.001 inches

Pilot Diameter Runout:

0.00100 inches

Shaft Radial Play:

0.005 inches

Terminal Location:

Longitudinally positioned on the circumference

Mounting Method:

Clamp ring

Electrical Resistance Per Section:

10.000 kilohms 3rd section

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

60.0 all sections

Rotary Actuator Travel In Angular Deg:

1254.0

Function Conformity Tolerance Per Section:

-0.05 to 0.05 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:

0.4 free air all sections

Function Conformity Per Section:

All sections absolute linearity

Fixed Tap Quantity Per Section:

1 all sections

Tap Location Tolerance Per Section:

-1.0 to 1.0 ohms 1st section

Resistance Tolerance Per Section In Percent:

-5.0 to 5.0 3rd section

Actuator Travel Control Feature:

Continuous motion

Function Characteristic Per Section:

All sections linear

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

-20.0 to 20.0 all sections

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

100.0 all sections

Standard Taper Curve Per Section:

A all sections

Terminal Type And Quantity:

20 tab, solder lug

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

No

Fiig:

A002a0