

View Online at <https://aerobasegroup.com/nsn/5905-01-325-1966>

Section Quantity:

2

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 0.6245 inches and 0.6250 inches

Pilot Length:

0.0620 inches

Undercut Diameter:

0.750 inches

Undercut Width:

0.0520 inches

Body Diameter:

0.891 inches

Shaft Diameter:

Between 0.1245 inches and 0.1248 inches

Shaft Length:

Between 0.531 inches and 0.594 inches

Body Length:

2.043 inches

Mounting Lip Diameter:

0.8750 inches

Mounting Lip Depth:

0.0620 inches

Shaft Style:

Round

Shaft Bearing Type:

Bearing

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

Between 1079.0 and 1081.0

Maximum Starting Torque:

0.70 inch-ounces

Maximum Running Torque:

0.50 inch-ounces

Maximum Stop Torque:

32.00 inch-ounces

Shaft End Play:

0.005 inches

Shaft Runout:

0.002 inches

Lateral Runout:

0.002 inches

Pilot Diameter Runout:

0.001 inches

Shaft Radial Play:

0.002 inches

Fragility Factor:

Moderately rugged

End Application:

Walleye mk 64

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Clamp ring

Features Provided:

Humidity proof

Cubic Measure:

1.273 cubic inches

Electrical Resistance Per Section:

1.0 kilohms all sections

Rotary Actuator Travel In Angular Deg:

Between 1080.0 and 1090.0

Function Conformity Tolerance Per Section:

-0.10/+0.10 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:

1.5 free air all sections

Function Conformity Per Section:

All sections independent linearity

Fixed Tap Quantity Per Section:

1 all sections

Tap Location Tolerance Per Section:

-0.1/+0.1 ohms all sections

Resistance Tolerance Per Section In Percent:

-3.0/+3.0 all sections

Actuator Travel Control Feature:

Stops

Tap Location From Ccw Terminal Per Section In Ohms:

500.0 all sections

Function Characteristic Per Section:

9 oclock primary input

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

40.0 all sections

Special Features:

External jumper wire between sections

Test Data Document:

10001-64a7a39 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:

8 tab, solder lug

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A002a0