

View Online at <https://aerobasegroup.com/nsn/5905-01-293-2393>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 1.8740 inches and 1.8750 inches

Pilot Length:

Between 0.0570 inches and 0.0670 inches

Undercut Diameter:

1.875 inches

Undercut Width:

Between 0.0870 inches and 0.0970 inches

Body Diameter:

2.031 inches

Shaft Diameter:

Between 0.2494 inches and 0.250 inches

Shaft Length:

Between 0.969 inches and 1.031 inches

Body Length:

2.250 inches

Mounting Lip Diameter:

Between 1.9900 inches and 2.0050 inches

Mounting Lip Depth:

0.0730 inches

Shaft Style:

Round

Shaft Bearing Type:

Sleeve

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

Between 3600.0 and 3604.0

Maximum Starting Torque:

2.00 inch-ounces

Maximum Running Torque:

1.00 inch-ounces

Maximum Stop Torque:

600.00 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:

An/slq-48, (uc

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Clamp ring

Features Provided:

Humidity proof

Cubic Measure:

7.069 cubic inches

Electrical Resistance Per Section:

5.0 kilohms single section

Rotary Actuator Travel In Angular Deg:

Between 3600.0 and 3610.0

Function Conformity Tolerance Per Section:

-0.10/+0.10 single section

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

150.0 single section

Power Dissipation Rating Per Section In Watts:

5.0 free air single section

Function Conformity Per Section:

Single section independent linearity

Resistance Tolerance Per Section In Percent:

-1.0/+1.0 single section

Actuator Travel Control Feature:

Stops

Function Characteristic Per Section:

Single section linear

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

85.0 single section

Unpackaged Unit Weight:

227.0 grams

Test Data Document:

81349-mil-r-12934 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain

Terminal Type And Quantity:

3 tab, solder lug

Specification Data:

81349-mil-r-12934/9 government specification

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

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