

View Online at <https://aerobasegroup.com/nsn/5905-00-256-8488>

Section Quantity:

4

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

2.87500 inches

Pilot Length:

0.06200 inches

Undercut Diameter:

2.875 inches

Undercut Width:

0.07300 inches

Body Diameter:

3.000 inches

Shaft Diameter:

0.2498 inches

Shaft Length:

0.875 inches

Body Length:

4.781 inches

Mounting Lip Diameter:

3.00000 inches

Mounting Lip Depth:

0.09300 inches

Shaft Style:

Round

Shaft Bearing Type:

Ball

Switch Type:

Rotary

Switch Voltage Rating In Volts:

50.0

Actuator Type:

Double ended shaft

Effective Electrical Rotation In Deg Angular Rotation:

Between 356.0 and 357.0

Maximum Starting Torque:

5.00 inch-ounces

Maximum Running Torque:

3.50 inch-ounces

Shaft End Play:

0.00100 inches

Shaft Runout:

0.001 inches

Lateral Runout:

0.003 inches

Pilot Diameter Runout:

0.00150 inches

Shaft Radial Play:

0.001 inches

Switch Operating Position:

Start of rotation

Switch Contact Arrangement:

Single pole, double throw, three positions maintained

Terminal Location:

Radially positioned over more than half the circumference

Mounting Method:

Clamp ring

Features Provided:

Switch

Electrical Resistance Per Section:

20.0 percent, rated amperes c and better select

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-0.25/+0.25 all sections

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

165.0 all sections

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

-100.0/+100.0 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:

32 all sections

Tap Location Tolerance Per Section:

-0.25/+0.25 degrees angular rotation all sections

Resistance Tolerance Per Section In Percent:

-5.0/+5.0 all sections

Actuator Travel Control Feature:

Continuous motion

Function Characteristic Per Section:

All sections linear

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

55.0 all sections

Switch Current Type And Rating In Amps:

0.100 dc

Test Data Document:

18876-10243506 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:

143 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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