

View Online at <https://aerobasegroup.com/nsn/5905-00-610-0546>

Section Quantity:

2

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 1.8745 inches and 1.8750 inches

Pilot Length:

0.0620 inches

Undercut Diameter:

1.875 inches

Undercut Width:

0.0620 inches

Body Diameter:

Between 1.975 inches and 1.995 inches

Shaft Diameter:

0.250 inches

Shaft Length:

Between 0.735 inches and 0.765 inches

Body Length:

2.783 inches

Mounting Lip Diameter:

Between 1.9750 inches and 1.9950 inches

Mounting Lip Depth:

0.0620 inches

Shaft Style:

Round

Shaft Bearing Type:

Ball

Switch Type:

Rotary

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

350.0

Maximum Starting Torque:

3.30 inch-ounces

Maximum Running Torque:

2.40 inch-ounces

Switch Operating Position:

End of rotation

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Clamp ring

Features Provided:

Nonmetallic shaft

Electrical Resistance Per Section:

46.67 percent, rated amperes c and better finish

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

315.0 2nd section

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-0.25/+0.25 all sections

Power Dissipation Rating Per Section In Watts:

2.8 free air all sections

Function Conformity Per Section:

All sections independent linearity

Fixed Tap Quantity Per Section:

3 1st section

Tap Location Tolerance Per Section:

-1.0/+1.0 ohms 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:

50.0 all sections

Special Features:

In section one the 225.0 degrees tap terminal connected to ccw terminal and 315.0 degrees tap terminal connected to cw terminal to provide 18000 nom resistance, this resistor has two switches, the first from 295 degrees to 350 degrees cw, the second from 335 degrees to 350 degrees cw

Terminal Type And Quantity:

16 tab, solder lug

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

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