

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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