

View Online at <https://aerobasegroup.com/nsn/5905-00-418-2452>

Section Quantity:

2

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 0.7495 inches and 0.7500 inches

Pilot Length:

Between 0.0570 inches and 0.0670 inches

Overall Length:

2.430 inches

Undercut Diameter:

0.781 inches

Undercut Width:

0.0570 inches

Body Diameter:

Between 0.870 inches and 0.880 inches

Shaft Diameter:

Between 0.1245 inches and 0.1247 inches

Shaft Length:

Between 0.595 inches and 0.655 inches

Body Length:

1.775 inches

Overall Diameter:

1.065 inches

Mounting Lip Diameter:

Between 0.8700 inches and 0.8800 inches

Mounting Lip Depth:

Between 0.0570 inches and 0.0670 inches

Shaft Style:

Round, slotted

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

3528.0

Maximum Starting Torque:

1.50 inch-ounces

Shaft End Play:

0.005 inches

Shaft Runout:

0.001 inches

Lateral Runout:

0.003 inches

Shaft Radial Play:

0.002 inches

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Clamp ring

Electrical Resistance Per Section:

50.0 percent, rated amperes c and better finish

Rotary Actuator Travel In Angular Deg:

3600.0

Function Conformity Tolerance Per Section:

-0.075/+0.075 2nd section

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

125.0 all sections

Power Dissipation Rating Per Section In Watts:

1.0 7th secondary pattern

Function Conformity Per Section:

2nd section independent linearity

Fixed Tap Quantity Per Section:

5 2nd section

Resistance Tolerance Per Section In Percent:

-5.0/+5.0 1st section

Actuator Travel Control Feature:

Stops

Function Characteristic Per Section:

9 oclock all primaries

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

-20.0/+20.0 all sections

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

70.0 all sections

Test Data Document:

07217-629892 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:

11 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

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