NSN 5905-01-115-7184

Precision Nonwire Wound Variable Resistor - Page 1 of 3



View Online at https://aerobasegroup.com/nsn/5905-01-115-7184 **Section Quantity:** 3 **Body Style:** Cylindrical servo mounted **Reliability Indicator:** Not established **Pilot Diameter:** 2.8750 inches Pilot Length: 0.0620 inches **Overall Length:** 3.720 inches **Undercut Diameter:** 2.875 inches **Undercut Width:** 0.0800 inches **Body Diameter:** 3.000 inches **Shaft Diameter:** 0.250 inches **Shaft Length:** 0.750 inches **Body Length:** 2.970 inches **Overall Diameter:** 3.624 inches **Mounting Lip Diameter:** 3.0000 inches **Mounting Lip Depth:** 0.0930 inches **Shaft Style:** Round **Shaft Bearing Type:** Ball **Actuator Type:** Single shaft **Effective Electrical Rotation In Deg Angular Rotation:** 350.0 **Maximum Starting Torque:**

2.50 inch-ounces

Maximum Running Torque:

2.50 inch-ounces



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Shaft Runout:	
0.001 inches	
Lateral Runout:	
0.003 inches	
Pilot Diameter Runout:	
0.001 inches	
Fragility Factor:	
Moderately rugged	

Terminal Location:

Radially positioned over more than half the circumference

Mounting Method:

Clamp ring

Features Provided:

Humidity proof

Electrical Resistance Per Section:

5.0 kilohms all sections

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

180.0 all sections

Rotary Actuator Travel In Angular Deg:

360.0

Resistance Tempurature Characteristic Range Per Section In Percent:

-5.0/+5.0 -55 degrees celsius all sections and -5.0/+5.0 120 degrees celsius all sections

Function Conformity Tolerance Per Section:

-0.20/+0.20 2nd section

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

125.0 all sections

Power Dissipation Rating Per Section In Watts:

4.0 free air all sections

Function Conformity Per Section:

2nd section absolute conformity

Fixed Tap Quantity Per Section:

1 all sections

Tap Location Tolerance Per Section:

-1.0/+1.0 degrees angular rotation all sections

Resistance Tolerance Per Section In Percent:

-10.0/+10.0 all sections

Actuator Travel Control Feature:

Continuous motion

Function Characteristic Per Section:

8 oclock single primary

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

25.0 all sections

Terminal Type And Quantity:

18 turret

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Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No
Fiig:

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