## NSN 5905-00-491-4658

**Section Quantity:** 

Unef

Nonprecision Nonwire Wound Variable Resistor - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5905-00-491-4658

Body Style:
Cylindrical bushing mounted
Reliability Indicator:
Not established
Body Diameter:
Between 1.124 inches and 1.156 inches
Shaft Diameter:
Between 0.248 inches and 0.250 inches
Shaft Length:
Between 0.609 inches and 0.641 inches
Mounting Bushing Length:
Between 0.359 inches and 0.391 inches
Body Length:
Between 0.780 inches and 0.812 inches
Shaft Style:
Round
Shaft Bearing Type:
Sleeve
Actuator Type:
Single shaft
Single shart
Effective Electrical Rotation In Deg Angular Rotation:
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Effective Electrical Rotation In Deg Angular Rotation:
Effective Electrical Rotation In Deg Angular Rotation: 292.0
Effective Electrical Rotation In Deg Angular Rotation: 292.0  Maximum Starting Torque:
Effective Electrical Rotation In Deg Angular Rotation: 292.0  Maximum Starting Torque: 6.00 inch-ounces
Effective Electrical Rotation In Deg Angular Rotation: 292.0  Maximum Starting Torque: 6.00 inch-ounces  Maximum Running Torque:
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Effective Electrical Rotation In Deg Angular Rotation: 292.0  Maximum Starting Torque: 6.00 inch-ounces  Maximum Running Torque: 6.00 inch-ounces  Maximum Stop Torque:
Effective Electrical Rotation In Deg Angular Rotation: 292.0  Maximum Starting Torque: 6.00 inch-ounces  Maximum Running Torque: 6.00 inch-ounces  Maximum Stop Torque: 192.00 inch-ounces
Effective Electrical Rotation In Deg Angular Rotation: 292.0  Maximum Starting Torque: 6.00 inch-ounces  Maximum Running Torque: 6.00 inch-ounces  Maximum Stop Torque: 192.00 inch-ounces  Nonturn Device Location:
Effective Electrical Rotation In Deg Angular Rotation: 292.0  Maximum Starting Torque: 6.00 inch-ounces  Maximum Running Torque: 6.00 inch-ounces  Maximum Stop Torque: 192.00 inch-ounces  Nonturn Device Location: At 3 oclock and at 9 oclock
Effective Electrical Rotation In Deg Angular Rotation: 292.0  Maximum Starting Torque: 6.00 inch-ounces  Maximum Running Torque: 6.00 inch-ounces  Maximum Stop Torque: 192.00 inch-ounces  Nonturn Device Location: At 3 oclock and at 9 oclock  Nonturn Device Radius:
Effective Electrical Rotation In Deg Angular Rotation: 292.0  Maximum Starting Torque: 6.00 inch-ounces  Maximum Running Torque: 6.00 inch-ounces  Maximum Stop Torque: 192.00 inch-ounces  Nonturn Device Location: At 3 oclock and at 9 oclock  Nonturn Device Radius: Between 0.525 inches and 0.537 inches
Effective Electrical Rotation In Deg Angular Rotation: 292.0  Maximum Starting Torque: 6.00 inch-ounces  Maximum Running Torque: 6.00 inch-ounces  Maximum Stop Torque: 192.00 inch-ounces  Nonturn Device Location: At 3 oclock and at 9 oclock  Nonturn Device Radius: Between 0.525 inches and 0.537 inches  Mechanical Backlash In Deg Angular Rotation:
Effective Electrical Rotation In Deg Angular Rotation: 292.0  Maximum Starting Torque: 6.00 inch-ounces  Maximum Running Torque: 6.00 inch-ounces  Maximum Stop Torque: 192.00 inch-ounces  Nonturn Device Location: At 3 oclock and at 9 oclock  Nonturn Device Radius: Between 0.525 inches and 0.537 inches  Mechanical Backlash In Deg Angular Rotation: 1.5
Effective Electrical Rotation In Deg Angular Rotation: 292.0  Maximum Starting Torque: 6.00 inch-ounces  Maximum Running Torque: 6.00 inch-ounces  Maximum Stop Torque: 192.00 inch-ounces  Nonturn Device Location: At 3 oclock and at 9 oclock  Nonturn Device Radius: Between 0.525 inches and 0.537 inches  Mechanical Backlash In Deg Angular Rotation: 1.5  Fragility Factor:
Effective Electrical Rotation In Deg Angular Rotation: 292.0  Maximum Starting Torque: 6.00 inch-ounces  Maximum Running Torque: 6.00 inch-ounces  Maximum Stop Torque: 192.00 inch-ounces  Nonturn Device Location: At 3 oclock and at 9 oclock  Nonturn Device Radius: Between 0.525 inches and 0.537 inches  Mechanical Backlash In Deg Angular Rotation: 1.5  Fragility Factor: Moderately rugged
Effective Electrical Rotation In Deg Angular Rotation: 292.0  Maximum Starting Torque: 6.00 inch-ounces  Maximum Running Torque: 6.00 inch-ounces  Maximum Stop Torque: 192.00 inch-ounces  Nonturn Device Location: At 3 oclock and at 9 oclock  Nonturn Device Radius: Between 0.525 inches and 0.537 inches  Mechanical Backlash In Deg Angular Rotation: 1.5  Fragility Factor: Moderately rugged Screw Thread Diameter:

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Screw Thready Qty Per Inch (tpi):
32.0
Terminal Location:
Radially positioned over less than half the circumference
Mounting Method:
Standard bushing
Features Provided:
Humidity proof
Electrical Resistance Per Section:
2.2 megohms single section
Rotary Actuator Travel In Angular Deg:
312.0
Resistance Tempurature Characteristic Range Per Section In Percent:
+0.0 to 12.5 -55 degrees celsius single section and +0.0 to 6.3 -25 degrees celsius single section and +0.0 to 3.1 0 degrees celsius single
section and -4.4 to 4.4 85 degrees celsius single section and +0.0 to 9.4 120 degrees celsius single section
Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power:
120.0 single section
Power Dissipation Rating Per Section In Watts:
2.25 free air single section
Resistance Tolerance Per Section In Percent:
20.0 to 20.0 single section
Actuator Travel Control Feature:
Stops
Ambient Tempurature In Deg Celsius Per Section At Full Rated Power:
70.0 single section
Terminal Type And Quantity:
3 tab, solder lug
Shelf Life:
N/a
Unit Of Measure:
-
Demilitarization:
No
Filg:
4002a0