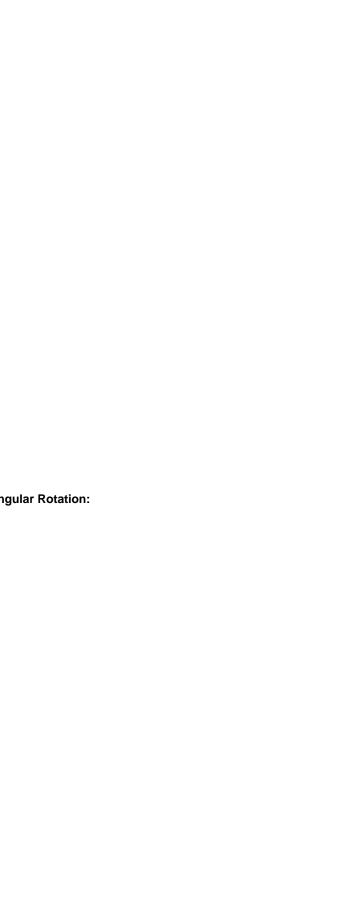
NSN 5905-00-283-6481

Precision Wire Wound Variable Resistor - Page 1 of 3



View Online at https://aerobasegroup.com/nsn/5905-00-283-6481 **Section Quantity:** 1 **Body Style:** Cylindrical bushing mounted **Reliability Indicator:** Not established **Overall Length:** 1.766 inches **Body Diameter:** 1.312 inches **Shaft Diameter:** 0.250 inches **Shaft Length:** 0.875 inches **Mounting Bushing Length:** 0.312 inches **Body Length:** 0.891 inches **Overall Diameter:** 1.375 inches **Shaft Style:** Round **Shaft Bearing Type:** Sleeve **Actuator Type:** Single shaft **Effective Electrical Rotation In Deg Angular Rotation:** 352.0 **Maximum Starting Torque:** 0.70 inch-ounces **Maximum Running Torque:** 0.50 inch-ounces **Nonturn Device Location:** At 6 oclock **Nonturn Device Radius:** 0.562 inches **Shaft End Play:** 0.005 inches **Shaft Runout:**

0.0005 inches **Lateral Runout:**0.001 inches



NSN 5905-00-283-6481

Pilot Diameter Runout:

Precision Wire Wound Variable Resistor - Page 2 of 3



0.0015 inches
Shaft Radial Play:
0.004 inches
Screw Thread Diameter:
0.375 inches
Screw Thread Series Designator:
Unef
Screw Thready Qty Per Inch (tpi):
32.0
Terminal Location:
Rear end
Mounting Method:
Standard bushing
Features Provided:
Nonmetallic shaft
Electrical Resistance Per Section:
20.0 kilohms single section
Tap Location From Ccw Terminal Per Section In Deg Of Effective Electrical Rotation:
226.0 single section
Rotary Actuator Travel In Angular Deg:
360.0
Function Conformity Tolerance Per Section:
-0.50/+0.50 single section
Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power:
85.0 single section
Power Dissipation Rating Per Section In Watts:
2.0 free air single section
Function Conformity Per Section:
Single section independent linearity
Fixed Tap Quantity Per Section:
3 single section
Tap Location Tolerance Per Section:
-1.0/+1.0 degrees angular rotation all sections
Resistance Tolerance Per Section In Percent:
-5.0/+5.0 single section
Actuator Travel Control Feature:
Continuous motion
Function Characteristic Per Section:
Single section linear
Tempurature Coefficient Of Resistance Wire Per Section In Ppm Per Deg Celsius:
-20.0/+20.0 single section

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

40.0 single section

NSN 5905-00-283-6481

Precision Wire Wound Variable Resistor - Page 3 of 3



Terminal Type And Quantity:
6 solder stud
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No
Fiig:

A002a0