

View Online at <https://aerobasegroup.com/nsn/5905-01-109-6706>

**Section Quantity:**

2

**Body Style:**

Cylindrical bushing mounted

**Reliability Indicator:**

Not established

**Body Diameter:**

2.000 inches

**Shaft Diameter:**

0.249 inches

**Shaft Length:**

2.345 inches

**Mounting Bushing Length:**

0.375 inches

**Body Length:**

0.970 inches

**Shaft Style:**

Round, slotted

**Shaft Bearing Type:**

Bearing

**Actuator Type:**

Single shaft

**Maximum Starting Torque:**

1.50 inch-ounces

**Maximum Running Torque:**

1.10 inch-ounces

**Maximum Stop Torque:**

1.60 inch-ounces

**Shaft End Play:**

0.00500 inches

**Shaft Runout:**

0.001 inches

**Lateral Runout:**

0.002 inches

**Pilot Diameter Runout:**

0.00150 inches

**Shaft Radial Play:**

0.002 inches

**Mechanical Backlash In Deg Angular Rotation:**

5.0

**End Application:**

Steering system feedback unit onboard 140 ft wtgb class coast guard vessels

**Screw Thread Diameter:**

0.250 inches

**Screw Thread Series Designator:**

Unc

**Screw Thready Qty Per Inch (tpi):**

20.0

**Terminal Location:**

Rear end

**Mounting Method:**

Standard bushing

**Electrical Resistance Per Section:**

5.000 kilohms all sections

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

175.0 all sections

**Function Conformity Tolerance Per Section:**

-0.08/+0.08 single section

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

125.0 all sections

**Tempurature Coefficient Of Resistance Per Section In Ppm Per Deg Celsius:**

-7.0/+7.0 all sections

**Power Dissipation Rating Per Section In Watts:**

5.0 free air all sections

**Function Conformity Per Section:**

All sections independent linearity

**Fixed Tap Quantity Per Section:**

3 all sections

**Resistance Tolerance Per Section In Percent:**

-3.0/+3.0 single section

**Tap Location From Ccw Terminal Per Section In Ohms:**

5000.0 all sections

**Function Characteristic Per Section:**

Single section linear

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

65.0 all sections

**Terminal Type And Quantity:**

2 tab w/screw

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fiig:**

A002a0