## NSN 5905-00-836-6006

Precision Wire Wound Variable Resistor - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5905-00-836-6006

| view Online at https://aerobasegroup.com/nsn/5905-00-836-6 |
|--|
| Section Quantity:  |
| 2  |
| Body Style:  |
| Cylindrical servo mounted                                  |
| Reliability Indicator:                                     |
| Not established  |
| Pilot Diameter:  |
| Between 1.0295 inches and 1.0300 inches                    |
| Pilot Length:  |
| Between 0.0380 inches and 0.0420 inches                    |
| Overall Length:  |
| 1.781 inches   |
| Undercut Diameter:   |
| Between 0.9975 inches and 1.0025 inches                    |
| Undercut Width:  |
| Between 0.0580 inches and 0.0660 inches                    |
| Body Diameter:   |
| Between 1.057 inches and 1.067 inches                      |
| Shaft Diameter:  |
| 0.125 inches   |
| Shaft Length:  |
| 0.750 inches   |
| Body Length:   |
| 0.562 inches   |
| Overall Diameter:  |
| 1.281 inches   |
| Mounting Lip Diameter:                                     |
| Between 1.0880 inches and 1.0930 inches                    |
| Mounting Lip Depth:  |
| Between 0.0560 inches and 0.0640 inches                    |
| Shaft Style:   |
| Round, slotted   |
| Actuator Type:   |
| Single shaft   |
| Effective Electrical Rotation In Deg Angular Rotation:     |
| 353.0  |
| Maximum Starting Torque:                                   |
| 0.125 inch-ounces  |
| Terminal Location:   |
| Radially positioned over less than half the circumference  |
| Mounting Method:   |
| Clamp ring   |

Clamp ring

## NSN 5905-00-836-6006

Precision Wire Wound Variable Resistor - Page 2 of 2



| Features Provided:  |
|---|
| Nonmetallic shaft   |
| Electrical Resistance Per Section:  |
| 5.000 percent, rated amperes c and better industrial clears                 |
| Rotary Actuator Travel In Angular Deg:                                      |
| 360.0   |
| Function Conformity Tolerance Per Section:                                  |
| -0.015/+0.015 all sections  |
| Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power: |
| 150.0 all sections  |
| Tempurature Coefficient Of Resistance Per Section In Ppm Per Deg Celsius:   |
| -950.0/+950.0 2nd section   |
| Power Dissipation Rating Per Section In Watts:                              |
| 1.5 heat sink all sections  |
| Function Conformity Per Section:  |
| All sections independent linearity  |
| Fixed Tap Quantity Per Section:   |
| 1 all sections  |
| Resistance Tolerance Per Section In Percent:                                |
| -3.0/+7.0 all sections  |
| Actuator Travel Control Feature:  |
| Continuous motion   |
| Function Characteristic Per Section:  |
| All sections linear   |
| Ambient Tempurature In Deg Celsius Per Section At Full Rated Power:         |
| 85.0 all sections   |
| Terminal Type And Quantity:   |
| 6 solder stud   |
| Shelf Life:   |
| N/a   |
| Unit Of Measure:  |
|   |
| Demilitarization:   |
| No  |
| Fiig:   |
| A002a0  |
|   |
|   |