## NSN 5990-00-539-7080

Receiver Synchro - Page 1 of 2

**Body Material:** 

Aluminum

Body Style:



View Online at https://aerobasegroup.com/nsn/5990-00-539-7080

Standard round c
Shoulder Diameter:
Between 1.3115 inches and 1.3120 inches
Pilot Diameter:
Between 0.4995 inches and 0.5000 inches
Overall Length:
1.8810 inches
Flange Diameter:
Between 1.4360 inches and 1.4370 inches
Flange Thickness:
0.0930 inches
Undercut Diameter:
1.3120 inches
Undercut Width:
0.0780 inches
Shaft Diameter:
0.1195 inches single shaft and 0.1200 inches single shaft
Shaft Length:
0.2900 inches single shaft
Fragility Factor:
Moderately rugged
Body Size:
15
Rotor Input Voltage Rating In Volts:
26.0
Frequency In Hertz:
400.0
Rotor Input Current Rating:
100.0 milliamperes
Rotor Input Electrical Power Rating:
450.0 milliwatts
Zro Resistance In Ohms:
45.00
Rotor Dc Resistance In Ohms:
16.00
Stator Dc Resistance In Ohms:
6.70
Electrical Error Angular Range In Minutes:
-40.0/+40.0

## **NSN 5990-00-539-7080** Receiver Synchro - Page 2 of 2



Actuator Friction Torque At Minus 55 Deg Celsius:
4.0 centimeter-grams
Actuator Friction Torque At Plus 25 Deg Celsius:
2.0 centimeter-grams
Torque Gradient Per Angular Deg:
2250.0 millimeter-milligrams
Alignment Hole Quantity:
4
Pilot Length:
0.0400 inches
Shoulder Length:
0.1320 inches
Mounting Surface To Terminal End Distance:
1.5910 inches
Terminal Location:
Rear
Plus J Zro Reactance In Ohms:
255.00
Shaft Slot Depth:
0.0210 inches single shaft and 0.0310 inches single shaft
Shaft Slot Width:
0.0210 inches single shaft and 0.0310 inches single shaft
Shaft Type:
Round, slotted single shaft
Alignment Hole Depth:
0.1250 inches
Transformation Ratio:
Between 1.000 rotor to stator and 2.200 rotor to stator
Alignment Hole Bolt Circle Diameter:
0.5000 inches
Terminal Type And Quantity:
5 wire lead
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
Yes - demil/mli
Fiig:
A07800