

NSN 5990-00-503-4120 Receiver Synchro - Page 1 of 2 View Online at https://aerobasegroup.com/nsn/5990-00-503-4120 **Body Material:** Aluminum alloy **Body Style:** 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:** 2.1310 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:

0.5400 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

Zso Resistance In Ohms:

7.00

Zrs Resistance In Ohms:

36.00

Rotor Dc Resistance In Ohms:

16.00

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Stator Dc Resistance In Ohms:
7.00
Receiver Error Angular Range In Minutes:
-45.0/+45.0
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
Plus J Zso Reactance In Ohms:
39.00
Shaft Slot Width:
0.0210 inches single shaft and 0.0310 inches single shaft
Plus J Zrs Reactance In Ohms:
23.00
Shaft Type:
Round, slotted single shaft
Alignment Hole Depth:
0.1250 inches
Alignment Hole Bolt Circle Diameter:
0.8750 inches
Terminal Type And Quantity:
5 wire lead
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
Yes - demil/mli
Fiig:
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