NSN 5990-00-728-8248

Receiver Synchro - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5990-00-728-8248

View Online at https://aerobasegroup.com/nsn/5990-00-728-8/
Body Material:
Any acceptable
Body Style:
Standard round a
Pilot Diameter:
Between 0.4995 inches and 0.5000 inches
Overall Length:
Between 1.5980 inches and 1.6280 inches
Flange Diameter:
Between 0.7480 inches and 0.7500 inches
Flange Thickness:
0.0620 inches
Undercut Diameter:
0.6910 inches
Undercut Width:
0.0620 inches
Shaft Diameter:
0.0894 inches single shaft and 0.0900 inches single shaft
Shaft Length:
0.3570 inches single shaft and 0.3870 inches single shaft
Body Size:
8
Rotor Input Voltage Rating In Volts:
26.0
Frequency In Hertz:
Between 380.0 and 420.0
Rotor Input Current Rating:
120.0 milliamperes
Rotor Input Electrical Power Rating:
700.0 milliwatts
Zro Resistance In Ohms:
Between 43.20 and 64.80
Zso Resistance In Ohms:
Between 9.60 and 14.40
Zrs Resistance In Ohms:
Between 72.00 and 108.00
Rotor Dc Resistance In Ohms:
Between 29.60 and 44.40
Stator Dc Resistance In Ohms:
Between 9.60 and 14.40
Phase Shift Angle In Deg:
Between 6.800 input to output and 10.200 input to output

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Torque Gradient Per Angular Deg:
1980.0 millimeter-milligrams
Pilot Length:
0.0400 inches
Mounting Surface To Terminal End Distance:
1.2410 inches
Terminal Location:
Rear
Plus J Zro Reactance In Ohms:
Between 221.00 and 299.00
Shaft Slot Depth:
0.0200 inches single shaft and 0.0300 inches single shaft
Plus J Zso Reactance In Ohms:
Between 38.25 and 51.75
Shaft Slot Width:
0.0150 inches single shaft and 0.0250 inches single shaft
Plus J Zrs Reactance In Ohms:
Between 12.00 and 18.00
Shaft Type:
Round, slotted single shaft
Transformation Ratio:
Between 0.436 rotor to stator and 0.472 rotor to stator
Terminal Type And Quantity:
5 wire lead
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
Yes - demil/mli
Fiig:
A07800