## NSN 5990-00-202-5127

Transmitter Synchro - Page 1 of 2



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Body Material:
Steel, corrosion resisting
Body Style:
Standard round c
Shoulder Diameter:
Between 0.9995 inches and 1.0000 inches
Pilot Diameter:
Between 0.6245 inches and 0.6250 inches
Overall Length:
1.9750 inches
Flange Diameter:
Between 1.0610 inches and 1.0620 inches
Flange Thickness:
0.0930 inches
Undercut Diameter:
1.9750 inches
Undercut Width:
0.0500 inches
Shaft Diameter:
0.1200 inches rear shaft
Shaft Length:
0.3750 inches both shafts
Body Size:
11
Rotor Input Voltage Rating In Volts:
26.0
Frequency In Hertz:
400.0
Rotor Input Current Rating:
240.0 milliamperes
Rotor Input Electrical Power Rating:
920.0 milliwatts
Zro Resistance In Ohms:
16.00
Zso Resistance In Ohms:
3.70
Zrs Resistance In Ohms:
22.00
Rotor Dc Resistance In Ohms:
8.50
Stator Dc Resistance In Ohms:

3.00

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Phase Shift Angle In Deg:
5.000 input to output
Maximum Total Null Voltage Output In Millivolts Per Volt:
20.00
Electrical Error Angular Range In Minutes:
-30.0/+30.0
Pilot Length:
0.0620 inches
Shoulder Length:
0.0620 inches
Mounting Surface To Terminal End Distance:
1.6000 inches
Terminal Location:
Rear
Plus J Zro Reactance In Ohms:
107.00
Shaft Slot Depth:
0.0320 inches single shaft
Plus J Zso Reactance In Ohms:
18.10
Shaft Slot Width:
0.0220 inches single shaft
Plus J Zrs Reactance In Ohms:
8.90
Shaft Type:
Round, slotted single shaft
Transformation Ratio:
0.454 rotor to stator
Terminal Type And Quantity:
5 wire lead
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No
Fiig:
A07800