## NSN 5990-00-616-2541

Transmitter Synchro - Page 1 of 2



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Body Material:
Steel, stainless
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:
3.6570 inches
Flange Diameter:
Between 1.0590 inches and 1.0650 inches
Flange Thickness:
0.0930 inches
Undercut Diameter:
0.9800 inches
Undercut Width:
0.0500 inches
Shaft Diameter:
0.1245 inches single shaft and 0.1250 inches single shaft
Shaft Length:
0.7500 inches single shaft
Body Size:
11
Rotor Input Voltage Rating In Volts:
115.0
Frequency In Hertz:
400.0
Rotor Input Current Rating:
70.0 milliamperes
Rotor Input Electrical Power Rating:
1.03 watts
Zro Impedance Magnitude In Ohms:
2060.00
Zro Impedance Angle In Deg:
80.80
Zso Impedance Magnitude In Ohms:
18.10
Zso Impedance Angle In Deg:
79.50

Phase Shift Angle In Deg: 5.600 input to output

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Electrical Error Angular Range In Minutes:
-10.0/+10.0
Pilot Length:
0.0630 inches
Shoulder Length:
0.0630 inches
Mounting Surface To Terminal End Distance:
2.9070 inches
Mounting Facility Screw Thread Series Designator:
Unc
Terminal Location:
Rear
Shaft Type:
Round, flatted single shaft
Alignment Hole Depth:
0.1250 inches
Mounting Facility Screw Thread Diameter:
0.112 inches
Transformation Ratio:
0.103 rotor to stator
Alignment Hole Bolt Circle Diameter:
Between 0.8090 inches and 0.8150 inches
Shaft Flatted Portion Thickness:
0.1000 inches single shaft
Shaft Flatted Portion Length:
0.4700 inches single shaft
Terminal Type And Quantity:
5 wire lead
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No
Fiig:
A07800