

NSN 5990-01-097-4329 Control Transformer Synchro - Page 1 of 2 View Online at https://aerobasegroup.com/nsn/5990-01-097-4329 **Body Material:** Aluminum alloy **Body Style:** Standard round a **Pilot Diameter:** Between 0.4995 inches and 0.5000 inches

Overall Length:

1.3770 inches

Flange Diameter:

Between 0.7490 inches and 0.7500 inches

Flange Thickness:

Between 0.0570 inches and 0.0670 inches

Undercut Diameter:

Between 0.6880 inches and 0.6910 inches

Undercut Width:

Between 0.0570 inches and 0.0670 inches

Shaft Diameter:

0.0895 inches single shaft and 0.0900 inches single shaft

Shaft Length:

0.3320 inches single shaft

Schematic Diagram Designator:

Err-090

Fragility Factor:

Moderately rugged

Body Size:

8

Stator Input Voltage Rating In Volts:

10.0

Stator Input Current Rating:

200.0 milliamperes

Stator Input Electrical Power Rating:

2.0 watts

Frequency In Hertz:

400.0

Stator Dc Resistance In Ohms:

50.00

Torque Gradient Per Angular Deg:

2250.0 millimeter-milligrams

Shaft Maximum Radial Play:

0.0020 inches

Shaft End Play:

Between 0.0020 inches and 0.0050 inches

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Pilot Length:
0.0380 mils and 0.0480 centimeters
Mounting Surface To Terminal End Distance:
0.9820 inches
Shaft Maximum Runout:
0.0010 inches
Terminal Location:
Rear
Shaft Slot Depth:
0.0250 inches single shaft
Shaft Slot Width:
0.0200 inches single shaft
Shaft Type:
Round, slotted single shaft
Terminal Type And Quantity:
4 wire lead
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No
Fiig:
A07800