NSN 5990-01-097-4721

Differential Receiver Synchro - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5990-01-097-4721

Body Material:

Aluminum or 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:

1.8900 inches

Flange Diameter:

Between 1.0610 inches and 1.0620 inches

Flange Thickness:

Between 0.0880 inches and 0.0980 inches

Undercut Diameter:

Between 0.9700 inches and 0.9800 inches

Undercut Width:

Between 0.0450 inches and 0.0550 inches

Shaft Diameter:

0.1195 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.3750 inches single shaft

Schematic Diagram Designator:

Err-090

Fragility Factor:

Moderately rugged

Body Size:

11

Stator Input Voltage Rating In Volts:

10.0

Stator Input Current Rating:

141.0 milliamperes

Stator Input Electrical Power Rating:

1.408 watts

Frequency In Hertz:

60.0

Stator Dc Resistance In Ohms:

71.00

Receiver Error Angular Range In Minutes:

-1.0/+1.0

Torque Gradient Per Angular Deg:

6200.0 millimeter-milligrams

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Shaft Maximum Radial Play:
0.0010 inches
Shaft End Play:
Between 0.0020 inches and 0.0050 inches
Pilot Length:
0.0570 mils and 0.0670 centimeters
Shoulder Length:
0.0570 mils and 0.0670 centimeters
Mounting Surface To Terminal End Distance:
1.4000 inches
Shaft Maximum Runout:
0.0010 inches
Terminal Location:
Rear
Shaft Type:
Round single shaft
Terminal Type And Quantity:
4 wire lead
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
Yes - demil/mli
Fiig:
A07800