**DESCRIPTION**

All of AMCI’s resolvers are ratiometric, absolute position sensors that reliably operate in harsh environments. The R11X-J10/7N brushless resolver can be used in a wide variety of space critical applications where environmental sealing is not needed. Used in our standard resolver based transducers, the R11X-J10/7N is compatible with all AMCI modules and controllers. The resolver comes with 9 inch leads that have Tefzel insulation for radiation applications.

**DIMENSIONAL DRAWING**

![Dimensional Drawing]

**SCHEMATIC**

![Schematic]

**SPECIFICATIONS**

- **Input Voltage:** 7.0 V
- **Input Freq:** 5000 Hz
- **Primary:** Rotor
- **Input Current:** 17.0 mA Max.
- **Output Voltage:** 6.65 V Nom.
- **Trans. Ratio:** 0.95 ± 5%
- **Accuracy:** 7 min. (max. error)
- **NEMA Rating:** NEMA 1
- **Wire Insulation:** Tefzel