

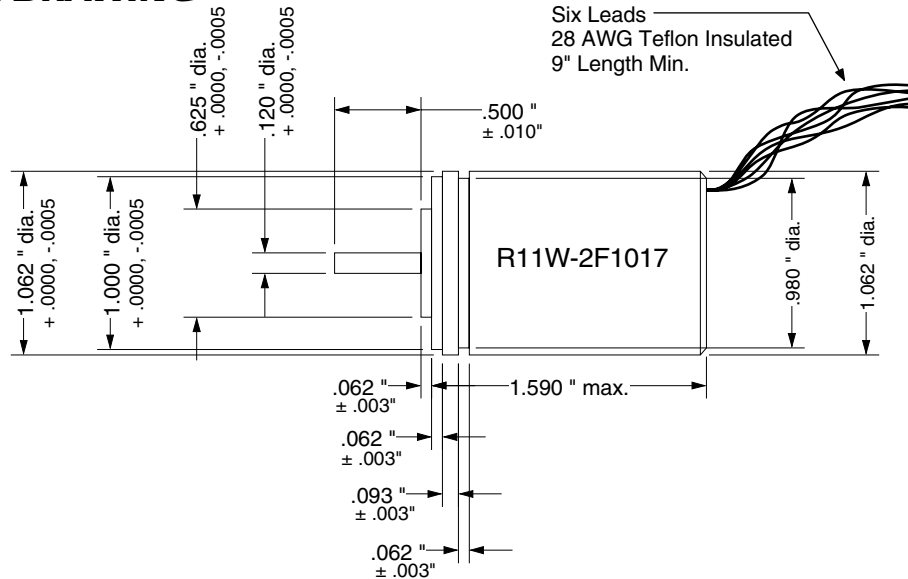
## R11W-2F1017 Specification Sheet

SHEET # 940-2T310

### DESCRIPTION

Designed for reliable operation, the two-speed R11W-2F1017 can be used in a wide range of space critical applications where environmental sealing is not needed. The electrical outputs of the R11W-2F1017 complete two sinusoidal cycles for every turn of the input shaft. Therefore, this resolver gives an absolute position output every 180°, not every 360° like a standard one-speed resolver does. The resolvers are still ratiometric, and being so, any changes in the resolvers characteristics, such as those caused by aging, frequency, voltage or a change in temperature are ignored. Due to the small shaft size a flexible coupler must be used when connecting this resolver to your machinery. Note that this resolver is a Control Transformer, not a Transmitter, and will not work with AMCI's standard controllers or interface modules.

### DIMENSIONAL DRAWING



### Specifications

Input Voltage: 12.0 V  
 Input Freq: 2500 Hz  
 Primary: Stator  
 Input Current: 10.0 mA Max.  
 Output Voltage: 6.00 V Nom.  
 Trans. Ratio:  $0.50 \pm 5\%$   
 Accuracy: 10 min. (max. error)  
 NEMA Rating: NEMA 1

### Sample Installation

The picture below shows how to connect a R11W-2F1017 to AMCI's standard cable.

