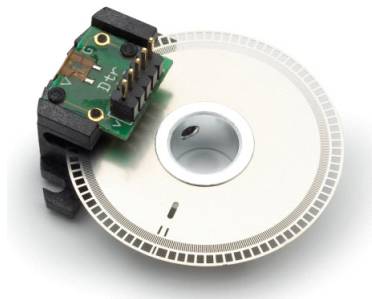


AEDT-9140 / AEDT-9340 Encoder

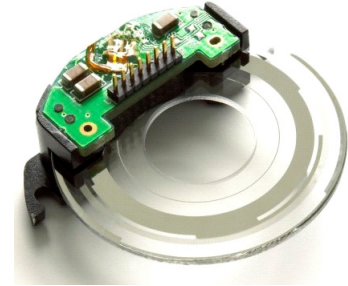
Gluing Recommendation For High Temperature Operation



Application Note 5384



AEDT-9140



AEDT-9340

Description

The objective of this application note is to provide a guide to design engineers on the appropriate glueing requirements for the AEDT-9140/9340 high temperature incremental encoders.

Exposure to high temperature environment can cause thermal overstress on plastic materials in a way that weakens the screw joint.

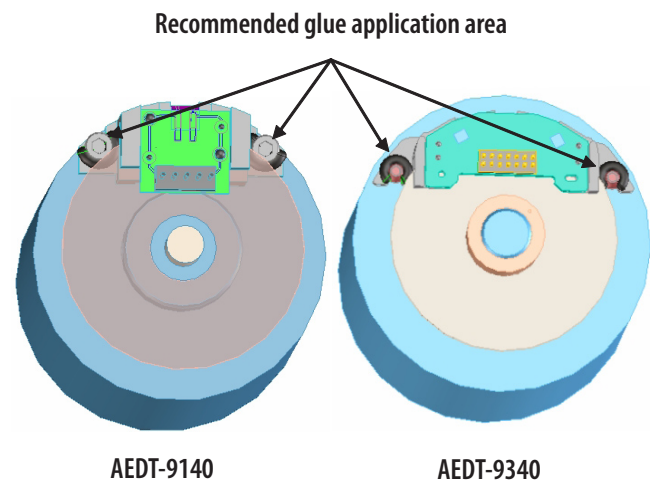
In order to ensure that the encoder module is properly commissioned to a motor system and provides optimum performance during operations, it is recommended that glue should be applied at least, to the screw interface to prevent the screw from loosening.

To ensure that the encoder remains firmly fastened to the motor system, glue may also be applied to the plastic-base underside of the encoder.

For optimum result, always ensure that the surface of the encoder where the glue is to be applied is cleaned and free from contamination.

Recommended Gluing Area

Below drawing shows the recommended area (as shown shaded dark) for the glue application.



Note : High temperature rated adhesive such as Herson Ultra 317 (www.herson.com) is recommended..

For product information and a complete list of distributors, please go to our web site: www.avagotech.com