& ddddaa In order to meet isolation requirements of EV4.3.6, this board must be covered with a conformal coating. The coating should be UL94-0 compliant and with a breakdown voltage a significant margin above the maximum accumulator voltage. **00000000**. An example of such a coating is MG Chemicals 419D-340G (available from RS, no. 146-2871). The voltage taps should be removed before the thermistors because the clip on J6 is not easily accessible until J4 is removed. 000 This is a 4 layer board with ground planes on the inner layers. Connecting the grounds would not have been neat on 2 layers. Vehicle: STAG 9 Drawn By: Tim Brewis Checked By: Max O'Brien, Jakub Kuchnio CAD Part: SUFST **SUFST** Sheet: File: segment.kicad\_pcb Title: Segment PCB Size: A4 Date: 2023-04-23 Rev: 1.1.0 KiCad E.D.A. kicad 7.0.1-0 ld: 1/1