C7 330nF @ 400V C1 DNP 1 CONN5 510R @ 0.5W MHS1 Heatsink_Pad CONN6 FJP13009H2TU 24k @ 1W L1 Transformer_110_220-DG2 3 5.1R @ 3W FR157 C2 4 5 105j630v DNP 510R @ 0.5W C6 330nF @ 400V C3^{105j630v} D2 NT T1 FR157 Transformer_110-SY HS2 Heatsink_Pad F1 24k @ D6W 3.15A 2 **-||** Q3 FJP13009H2TU 1 CONN1 Line CONN2 1 CONN3 Neutral CONN4 Neutral R1 L2 43uH Output +/- is connected to two tranducers in parallel. Total of 100 Watts @ 40KHz * ALL RESISTORS ARE 1% UNLESS NOTED * WATTAGES ARE MINIMUM VALUES L2: 2-3A rated // high current suspected Recommend 43uH each L1: 2-3A rated // high current suspected Pins : 1,11 = Measured 1.1R ⊚ 3569uH all other pins = NC Measured: Pins: 1,2=43.91uH @ 1.3R Pins: 3,4=43.56uH @ 1.3R Pins : 6,9 = Measured = 0.79R 1427uH Pins : 7,11 = Measured = 0.6R 464uH all other pins = NC Q3,Q4 MUST have heatsink Sheet: /Sheet5E0CB0E2/ File: UltraSonic-Side.sch Title: Size: A4 Date: Rev: KiCad E.D.A. kicad 5.99.0-unknown-00e58cd100ubuntu18.04.1 Id: 2/2