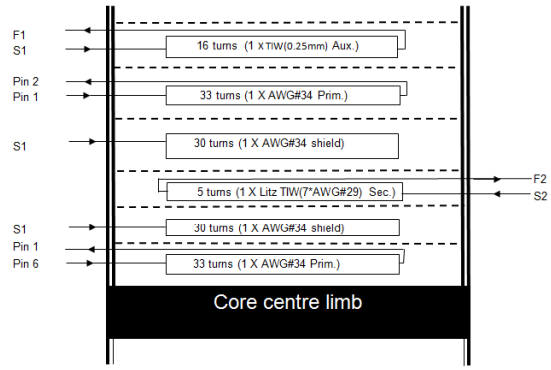
10 Transformer construction

Core and material: RM6 TP4A
Bobbin: RM6 with 3 pin
Primary Inductance, Lp=718 µH(±10%), measured between pin 2 and pin 6



Start	Stop	No. of turns	Wire size	Layer
6	1	33	1XAWG#34	1/2 Primary
S1(Flying wire)	floating	30	1XAWG#34	Shield
S2(5) Flying wire	F2(3) Flying wire	5	1XLitz TIW(7 X AWG#29)	Secondary
S1(Flying wire)	floating	30	1XAWG#34	Shield
1	2	33	1XAWG#34	1/2 Primary
S1(Flying wire)	F1 (Flying wire)	16	1XTIW(0.25mm)	Auxiliary

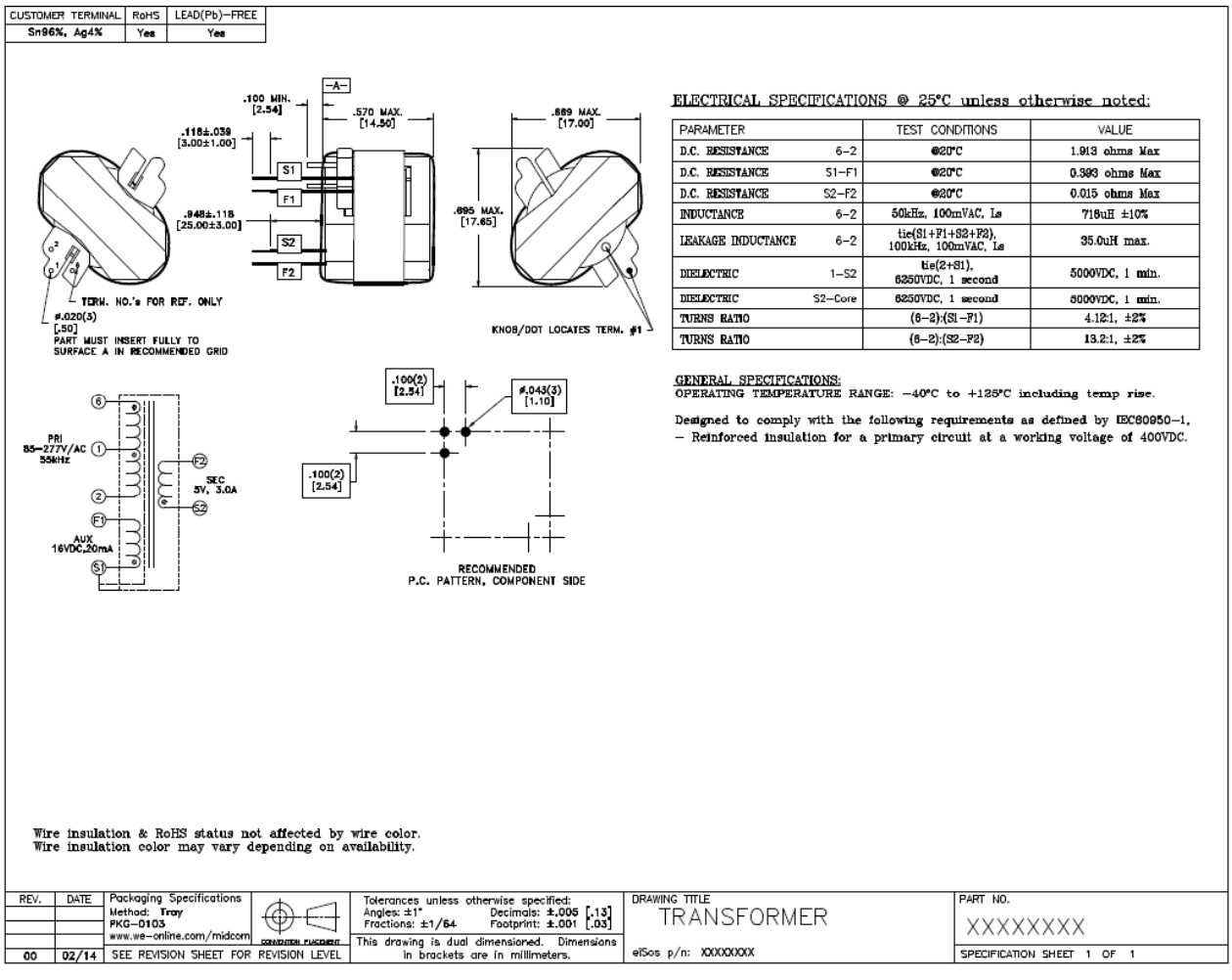


Figure 6 Transformer structure