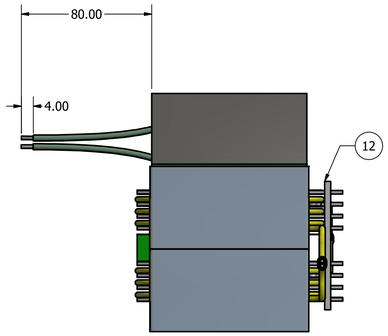
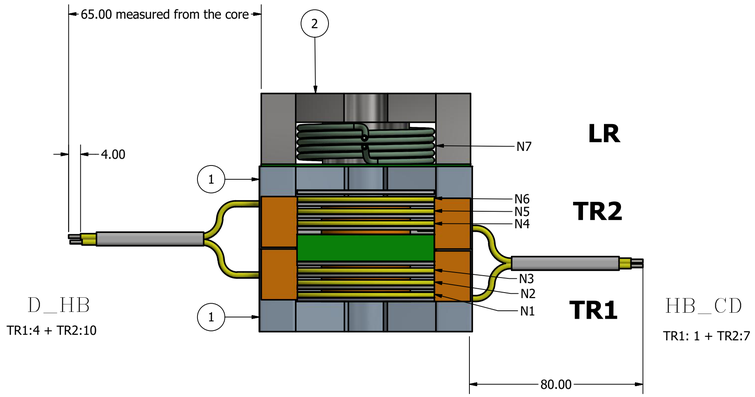
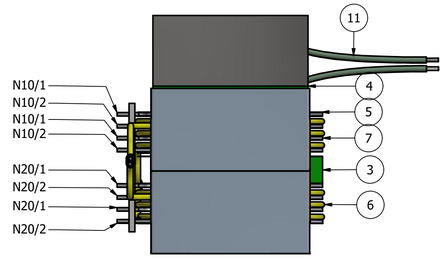
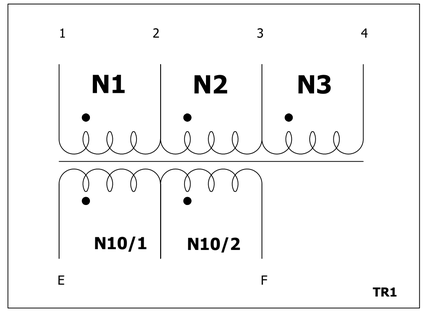


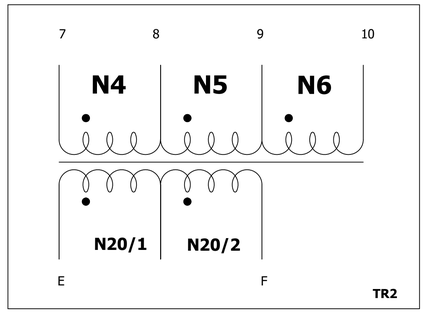



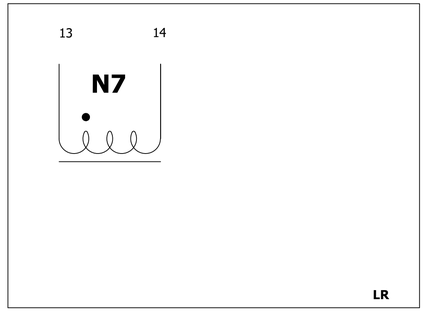



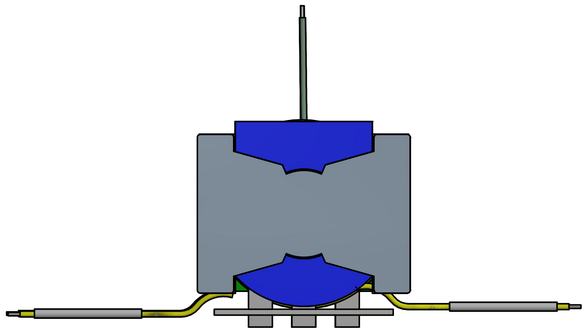

Total magnetizing inductance
measured between D_HB and HB_CD: **1.2mH +/- 10%**
(grind center leg)

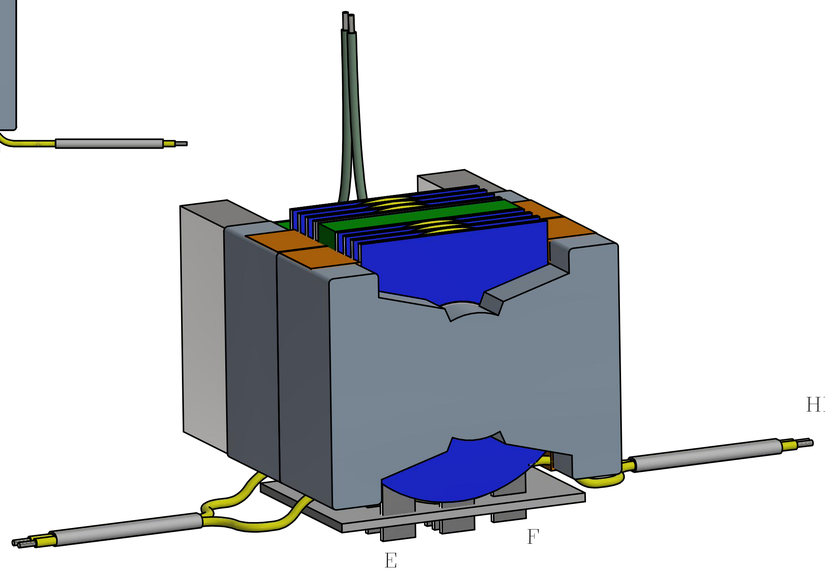
| TABLE | |
|---|---|
| Naming | Turns |
| N1 | 7 |
| N2 | 7 |
| N3 | 7 |
| N10 | 1 |
| N4 | 7 |
| N5 | 7 |
| N6 | 7 |
| N20 | 1 |
| N7 | 8 (29,5uH +/- 5%) |




| PARTS LIST | | | |
|---|---|---|---|
| ITEM | QTY | PART NUMBER | DESCRIPTION |
| 1 | 2 | PQ35/28 | DMR95 |
| 2 | 1 | PQI35/23 | DMR95 |
| 3 | 1 | A20000681 | Distance holder FR4 |
| 4 | 1 | A30000680 | FR4 material; 0.25mm thickness - (adaptable to achieve N7 inductance) |
| 5 | 16 | TF10000730 Main Transformer Isolation Kapton | PTFE 50um High-tech-flon |
| 6 | 6 | primary windings | N1-6, Triple insulated litz wire 7x0.3mm TEX-ELZ |
| 7 | 8 | TF10000612 Main Transformer copperplate | N10/1, N10/2, N20/1, N20/2 |
| 11 | 1 | LR - Resonant choke | RUPALIT Safety Profil V155; 140x0,10mm; 3 Layer Mylar + 1 x 63 |
| 12 | 1 | A10000681 | transformer baseplate, FR4 material; isolation (no copper surface) |

| | | | |
|---|---|---|---|
| DRAWN schmoelb | 04.04.2018 | Infineon Technologies Austria AG | |
| CHECKED | | TITLE | |
| QA | | TF10000611 | |
| MFG | | | |
| APPROVED | | SIZE D | DWG NO TF10000611 REV V1.0 |
| | | SCALE 3 : 1 | SHEET 1 OF 1 |