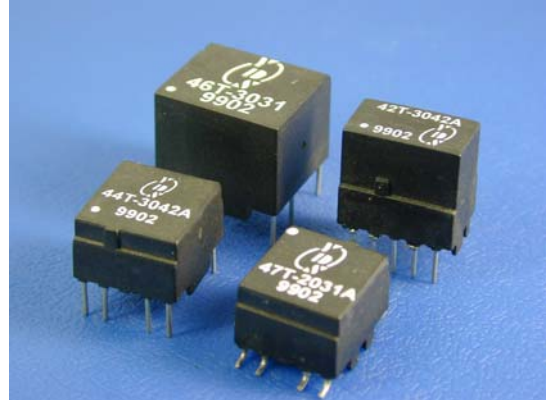




### ISDN S<sub>0</sub> INTERFACE TRANSFORMER

#### FEATURES

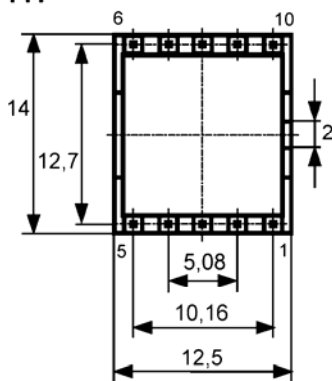
- The pulse masks are easily realized due to adjusted leakage inductances
- Optimum common mode rejection of the output signal due to low coupling capacitances
- The impedance masks are reliably fulfilled even during DC premagnetization
- High DC capability, therefore phantom power feeding is unproblematic



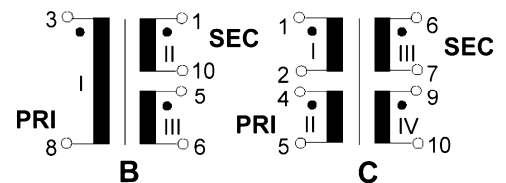
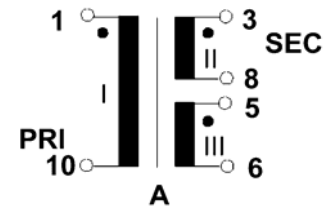
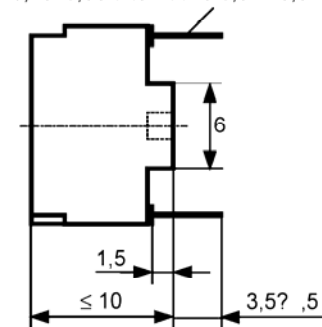
PART NUMBER	Turns Ratio	$\Delta I_{DC}$	$L_H$ MH min.	$L_S$ $\mu H$ max	$C_K$ pF max	$C_W$ pF max	$R_{CU,B}$ $\Omega$	$R_{CU,L}$ $\Omega$	$U_P$ KV <sub>eff</sub> /KV <sub>rms</sub>	schematic
44T-3046B	4:1:1	3	$\geq 30$	$\leq 3$	$\leq 45$	30	3,8	1,2	1,5	B
44T-3042C	2:2:1:1	5	$\geq 30$	$\leq 5$	$\leq 140$	110	5,0	1,6	1,5	C
44T-3041C	1:1:1:1	5	$\geq 30$	$\leq 5$	$\leq 120$	30	1,6	1,6	1,5	C
44T-3043C	1,8:1,8:1:1	5	$\geq 30$	$\leq 5$	$\leq 120$	80	4,0	1,6	1,5	C
44T-3044C	2,5:2,5:1:1	5	$\geq 30$	$\leq 7$	$\leq 140$	200	6,0	1,6	1,5	C
42T-3046B	4:1:1	3	$\geq 30$	$\leq 3$	$\leq 45$	30	3,8	1,2	1,5	B
42T-3042C	2:2:1:1	5	$\geq 30$	$\leq 5$	$\leq 120$	110	5,0	1,6	1,5	C
42T-3041C	1:1:1:1	5	$\geq 30$	$\leq 5$	$\leq 120$	30	1,6	1,6	1,5	C
42T-3043C	1,8:1,8:1:1	5	$\geq 30$	$\leq 5$	$\leq 120$	80	4,0	1,6	1,5	C
42T-3044C	2,5:2,5:1:1	5	$\geq 30$	$\leq 7$	$\leq 140$	200	6,0	1,6	1,5	C
47T-3042A	2:2:1:1	5	$\geq 30$	$\leq 5$	$\leq 140$	120	4,6	1,6	1,5	A
47T-3041A	1:1:1:1	5	$\geq 30$	$\leq 5$	$\leq 120$	30	1,6	1,6	1,5	A
47T-3043A	2,5:2,5:1:1	5	$\geq 30$	$\leq 7$	$\leq 140$	200	6,0	1,6	1,5	A
46T-3042B	2,5/2,5:1/1	5	$\geq 30$	$\leq 15$	$\leq 45$	200	4,0	2,0	4,0	B
46T-3043B	1,8/1,8:1/1	5	$\geq 30$	$\leq 15$	$\leq 45$	120	2,6	2,0	4,0	B
46T-3041B	1/1:1/1	5	$\geq 30$	$\leq 15$	$\leq 45$	40	1,6	2,0	4,0	B
46T-3044B	2/2:1/1	5	$\geq 30$	$\leq 15$	$\leq 45$	130	3,0	2,4	4,0	B
46T-3041A	4:1:1	1	$\geq 30$	$\leq 3$	$\leq 45$	30	2,2	0,4	4,0	A
46T-2541C	4:1:1	1	$\geq 25$	$\leq 3$	$\leq 30$	60	1,8	0,4	4,0	C
46T-3045B	2/2:1/1	5	$\geq 30$	$\leq 15$	$\leq 45$	130	3,0	2,4	4,0	B

#### CONNECTIONS

44T



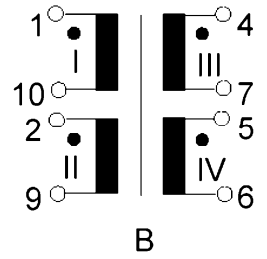
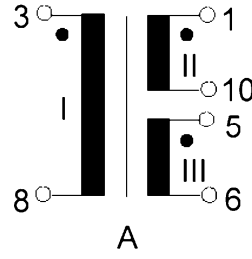
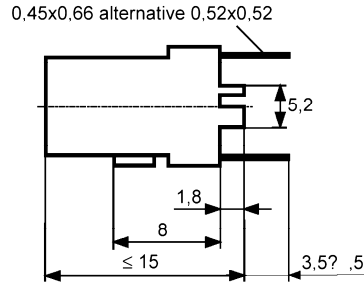
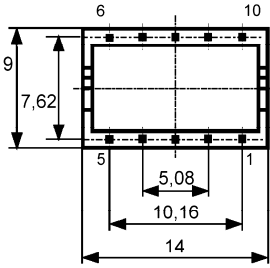
0,45x0,66 alternative 0,52 x0,52



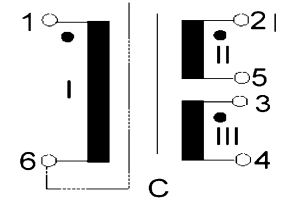
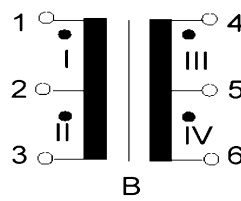
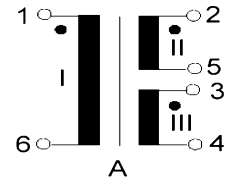
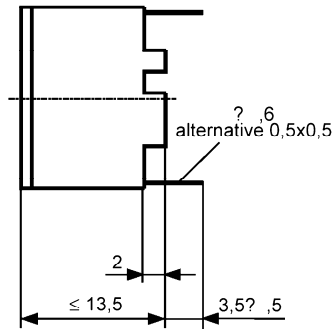
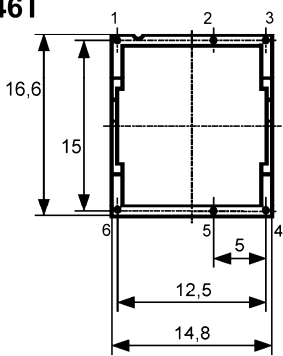


### ISDN S<sub>0</sub> INTERFACE TRANSFORMER

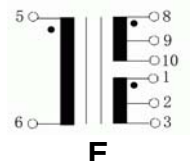
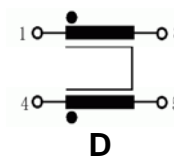
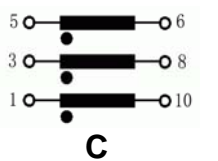
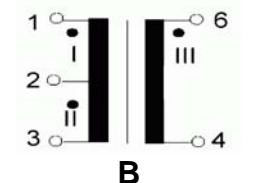
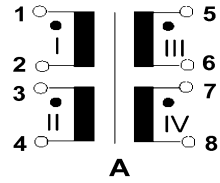
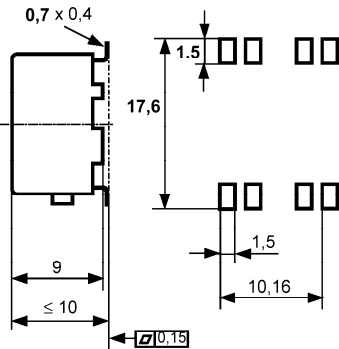
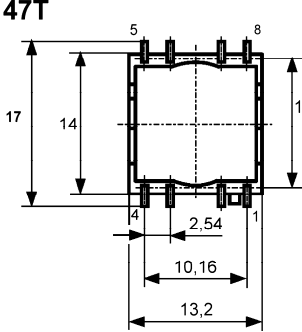
#### 42T



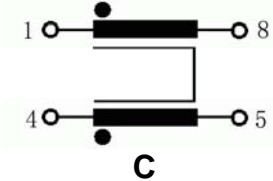
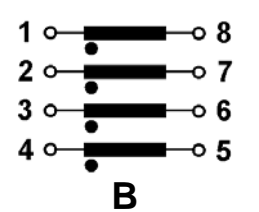
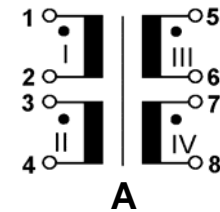
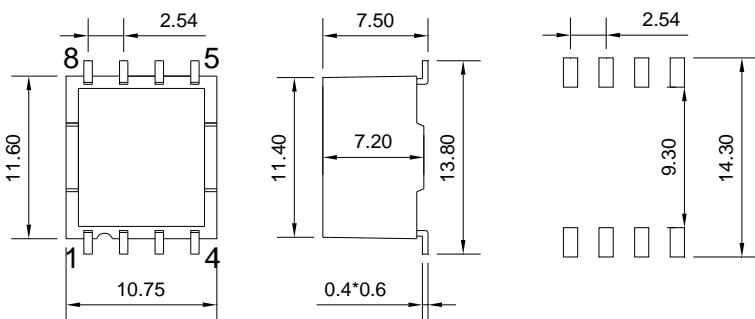
#### 46T



#### 47T



#### 47TS



Part Number: 44T - 304 6 B NL  
 A B C D E  
 A:Series  
 B:Inductance  
 C:Sequence id  
 D:Schematic  
 E:RoHS Version

Dimensions: mm Unless otherwise specified, all tolerances are ±0.25