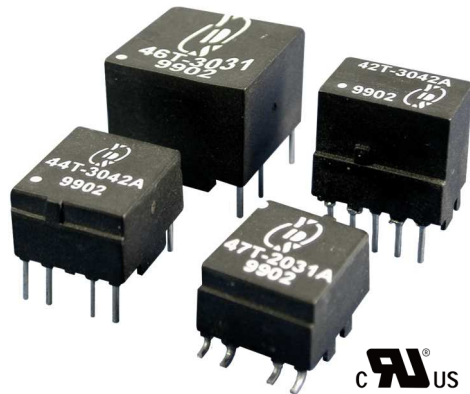


FEATURES:

- 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 pre magnetization
- High DC capability, therefore phantom power feeding is unproblematic
- Recognized By UL 60950-1 (47T/47TS)



YUAN DEAN SCIENTIFIC



ISDN-S0 Interface
Isolation
Transformers

42T/44T/46T
/47T/47TS
SERIES



ELECTRICAL SPECIFICATIONS

Part Number	Turns Ratio	ΔI_{DC}	L_H MH min.	L_S μ H max	C_K pF max	C_W pF max	$R_{CU,B}$ Ω	$R_{CU,L}$ Ω	U_P KV _{eff} /KV _{rms}	schematic
44T-3036BNL	4:1:1	3	≥ 30	≤ 3	≤ 45	30	3,8	1,2	1,5	B
44T-3032CNL	2:2:1:1	5	≥ 30	≤ 5	≤ 140	110	5,0	1,6	1,5	C
44T-3031CNL	1:1:1:1	5	≥ 30	≤ 5	≤ 120	30	1,6	1,6	1,5	C
44T-3033CNL	1,8:1,8:1:1	5	≥ 30	≤ 5	≤ 120	80	4,0	1,6	1,5	C
44T-3034CNL	2,5:2,5:1:1	5	≥ 30	≤ 7	≤ 140	200	6,0	1,6	1,5	C
42T-3036ANL	4:1:1	3	≥ 30	≤ 3	≤ 45	30	3,8	1,2	1,5	A
42T-3032CNL	2:2:1:1	5	≥ 30	≤ 5	≤ 120	110	5,0	1,6	1,5	C
42T-3031CNL	1:1:1:1	5	≥ 30	≤ 5	≤ 120	30	1,6	1,6	1,5	C
42T-3033CNL	1,8:1,8:1:1	5	≥ 30	≤ 5	≤ 120	80	4,0	1,6	1,5	C
42T-3034CNL	2,5:2,5:1:1	5	≥ 30	≤ 7	≤ 140	200	6,0	1,6	1,5	C
47T-3032ANL	2:2:1:1	5	≥ 30	≤ 5	≤ 140	120	4,6	1,6	1,5	A
47T-3034ANL	1:1:1:1	5	≥ 30	≤ 5	≤ 120	120	1,6	1,6	1,5	A

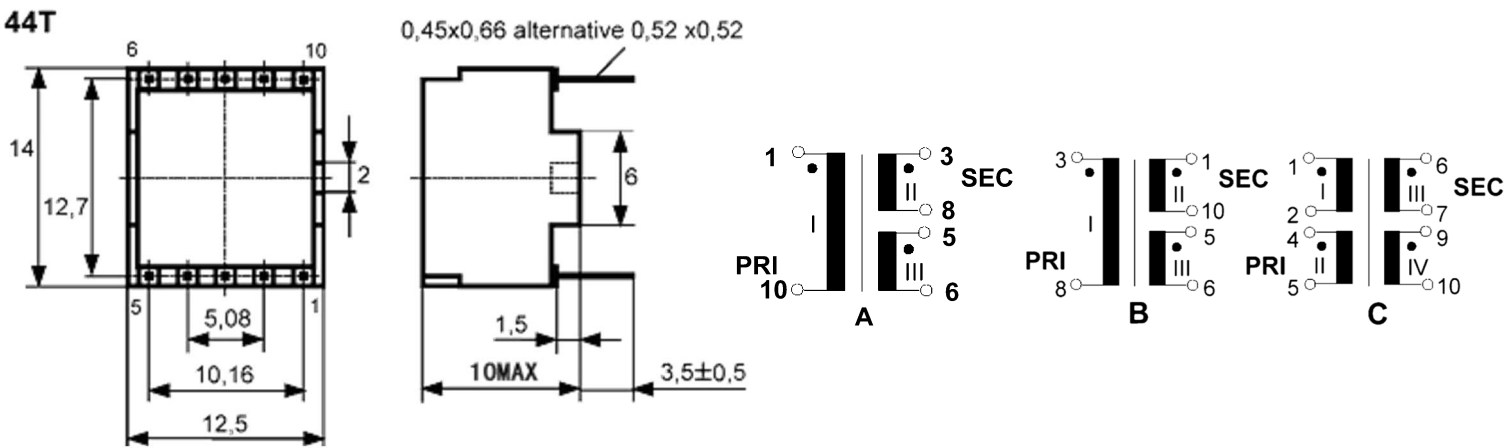


Part Number

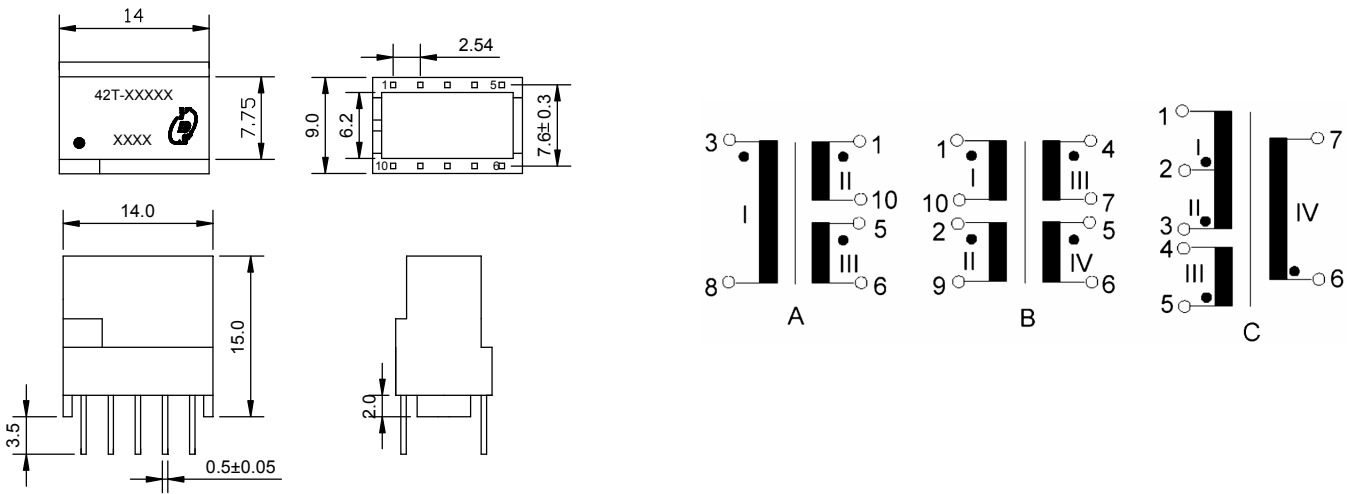
44T	-	304	6	B	NL
A		B	C	D	E

- A : Series
B : Inductance
C : Sequence id
D : Schematic
E : RoHS Version

Connections

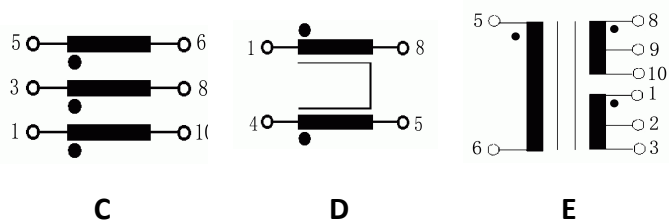
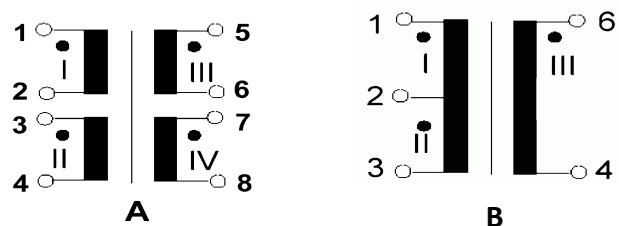
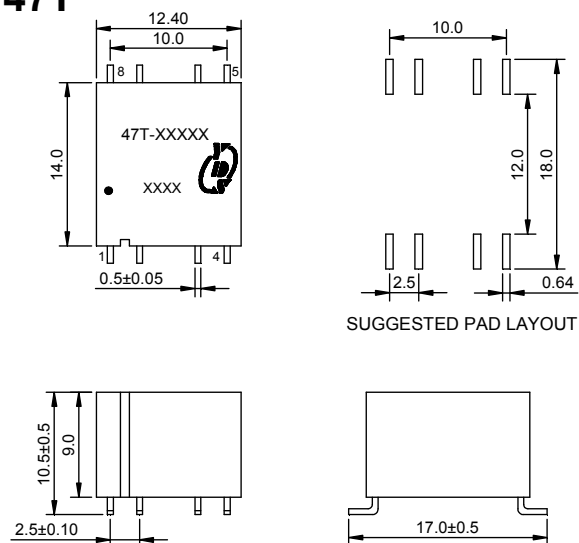


42T

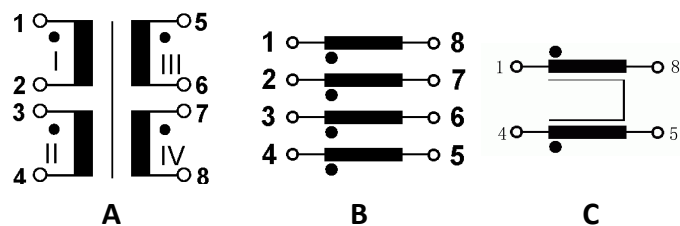
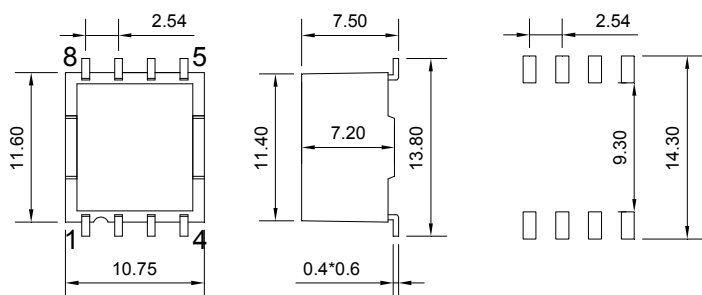


Connections

47T



47TS



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