



# T1/E1/CEPT/ISDN-PRI TRANSFORMERS QUAD PORT SURFACE MOUNT TYPE

- Octal SMT package contains both transmit & receive transformers
- Models matched to leading Transceiver IC's
- Surface mount open header construction
- UL Recognized
- Standard operating temp: 0°C to +70°C (see footnote)
- Industrial operating temp: -40°C to +85°C (see footnote)



## Electrical Specifications @25°C

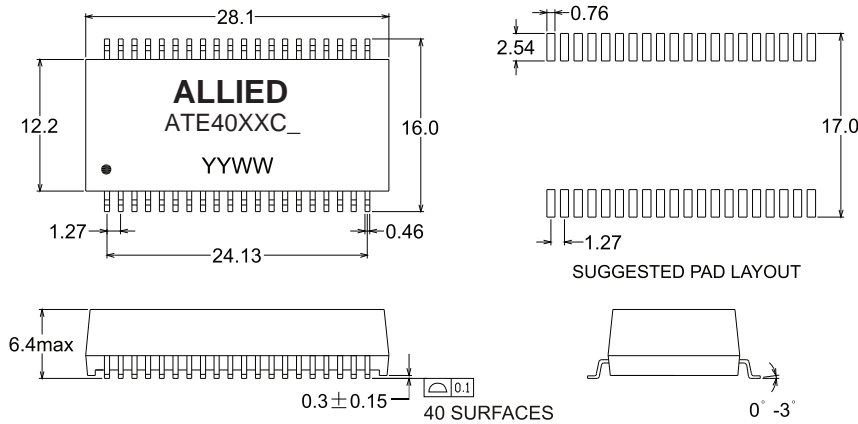
Part Number	Turns Ratio (±5%) Pri:Sec	OCL PRI (mH Min) 10KHz, 0.1V	LL (uH Max) 100KHz 0.2V	CWW (pF Max) 100KHz 0.2V	DCR(25°C) (Ω Max) Pri	HI-POT 1500VAC	Primary Pins	
							Transmit	Receive
ATE4001C_	1:2CT	1.2&1.2	0.8&0.8	35&35	0.8	1500VAC	4-5,9-10,14-15,19-20	24-25,29-30,34-35,39-40
ATE4002C_	1:2&1:1	1.5&1.5	0.5&0.5	35&35	1.2	1500VAC	1-2,6-7,11-12,16-17	3-4,8-9,13-14,18-19
ATE4003C_	1:2	1.2&1.2	0.6&0.6	35&35	0.9	1500VAC	4-5,9-10,14-15,19-20	1-3,6-8,11-13,16-18
ATE4004C_	1:2CT&1:1CT	1.2&1.2	0.6&0.6	35&35	1.2	1500VAC	1-2,6-7,11-12,16-17	21-22,26-27,31-32,36-37
ATE4005C_	1:2.4&1:1	1.0&1.0	0.6&0.6	35&35	1.2	1500VAC	1-2,8-9,11-12,18-19	24-25,27-28,34-35,37-38
ATE4006C_	1:2.42	1.2&1.2	0.6&0.6	35&35	1.2	1500VAC	1-3,6-8,11-13,16-18	4-5,9-10,14-15,19-20
ATE4007C_	1:2.6CT	1.2&1.2	0.6&0.6	35&35	1.2	1500VAC	4-5,9-10,14-15,19-20	24-25,29-30,34-35,39-40
ATE4008C_	1CT:2&1:2CT	1.2&1.2	0.6&0.6	35&35	1.2	1500VAC	4-5,9-10,14-15,19-20	1-3,6-8,11-13,16-18
ATE4010C_	1:2	1.2&1.2	0.6&0.6	35&35	1.2	1500VAC	1-2,6-7,11-12,16-17	3-4,8-9,13-14,18-19
ATE4011C_	1:2&1:1	1.2&1.2	0.6&0.6	35&35	1.2	1500VAC	1-3,6-8,11-13,16-18	4-5,9-10,14-15,19-20
ATE4014C_	1:2CT&1:1CT	1.2&1.2	0.6&0.6	35&35	1.2	1500VAC	1-2,6-7,11-12,16-17	21-22,26-27,31-32,36-37

\*Complete part number by inserting "S" for Standard Temp or "I" for Industrial Temp.

All specifications subject to change without notice.

## MECHANICAL

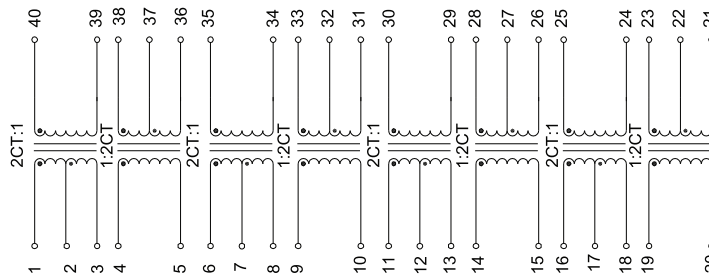
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ATE4007C\_, ATE4008C\_, ATE4010C\_, ATE4011C\_, ATE4014C\_



Unless otherwise specified all tolerances are: ±0.25 in mm

## SCHEMATICS

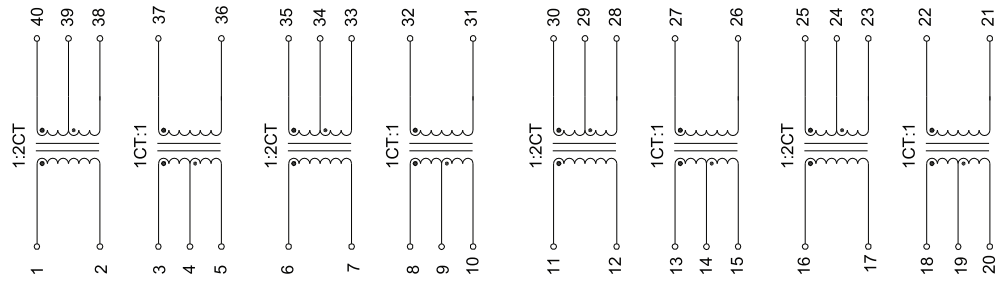
ATE4001C\_



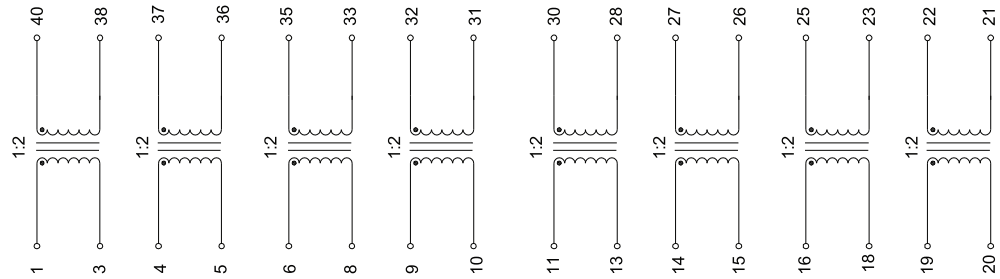


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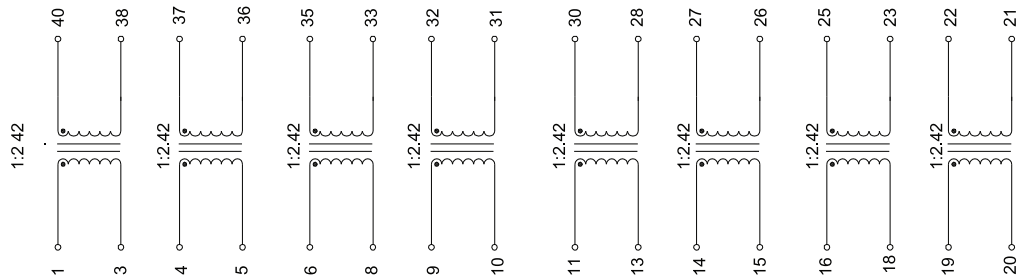
ATE4004C\_, ATE4014C\_



ATE4003C\_



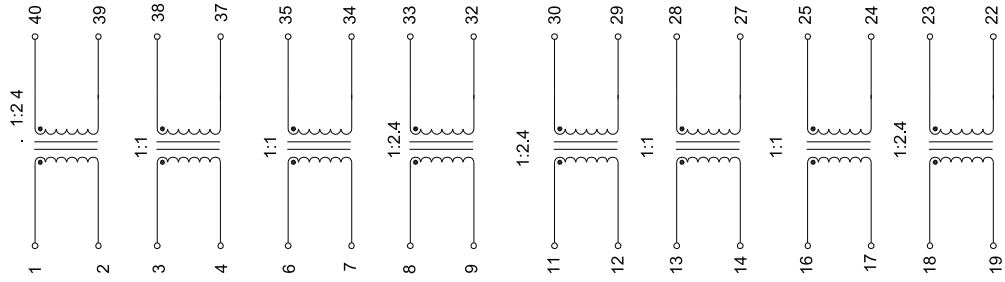
ATE4006C\_



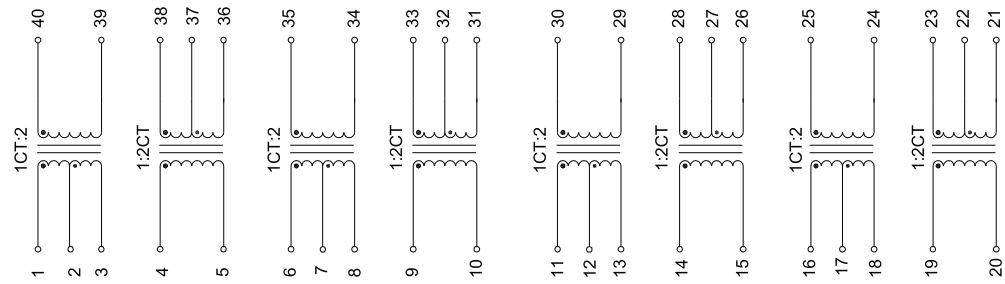


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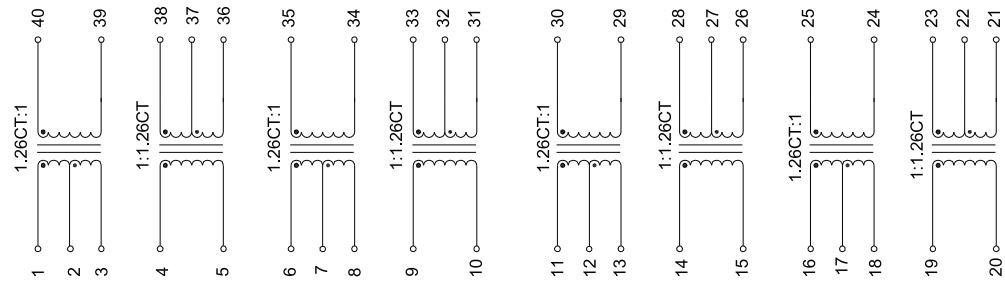
ATE4005C\_



ATE4008C\_



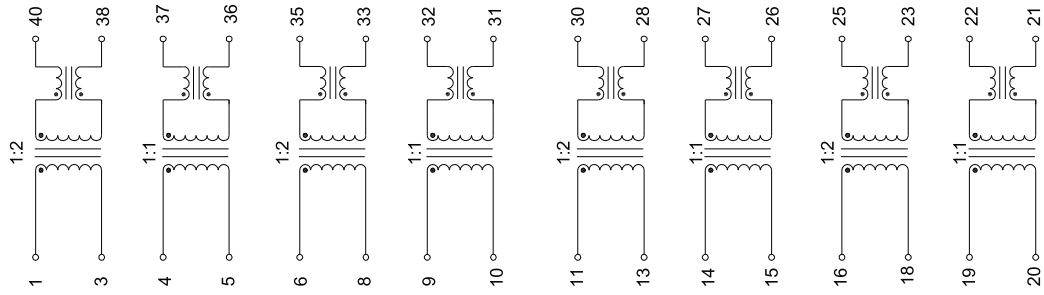
ATE4007C\_



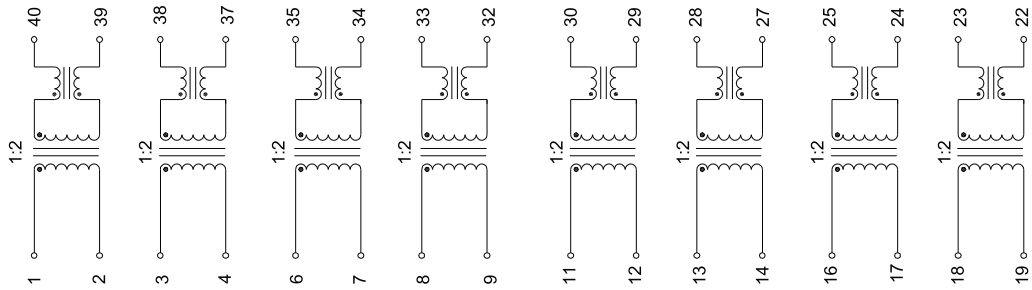


**T1/E1/CEPT/ISDN-PRI TRANSFORMERS  
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**ATE4011C\_**



**ATE4010C\_**



**ATE4002C\_**

