



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

- Quad 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)

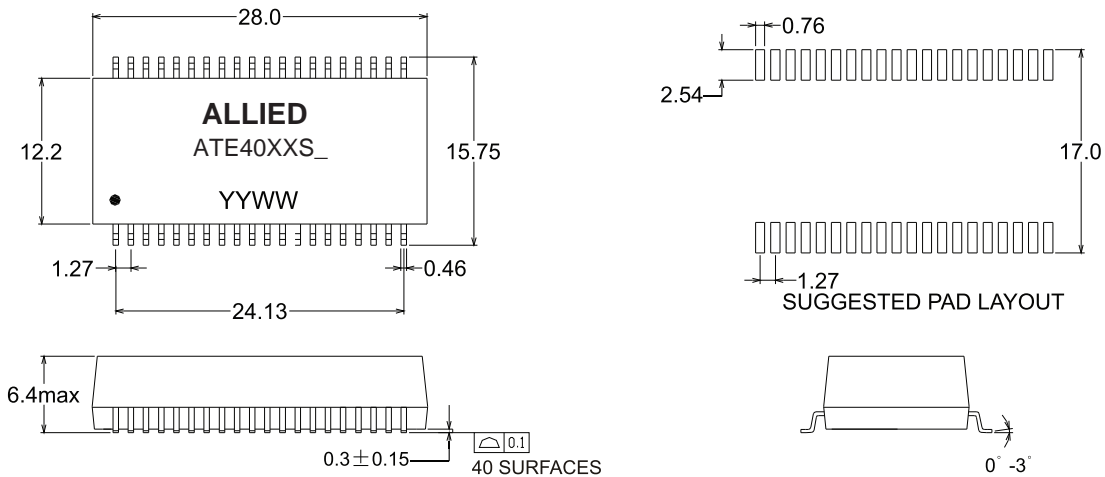
Electrical Specifications @25°C

Part Number	Turns Ratio (±5%) Pri:Sec	OCL PRI (mH Min) 10KHz 0.1V	Lk (uH Max) 100KHz 0.2V	CWW (pF Max) 100KHz 0.2V	DCR(25°C) (Ω Max) Pri	HI-POT	Primary Pins	
							Transmit	Receive
ATE4001S_	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
ATE4002S_	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
ATE4003S_	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
ATE4004S_	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
ATE4005S_	1:2.4&1:1	1.0&1.0	0.5&0.5	35&35	1.2	1500VAC	1-2,8-9,11-12,18-19	24-25,27-28,34-35,37-38
ATE4006S_	1:2.42	1.27&1.27	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
ATE4008S_	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
ATE4016S_	1:2.4&1:1	1.2&1.2	0.5&0.5	35&35	0.8	1500VAC	1-2,8-9,11-12,18-19	3-4,6-9,13-14,16-17

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

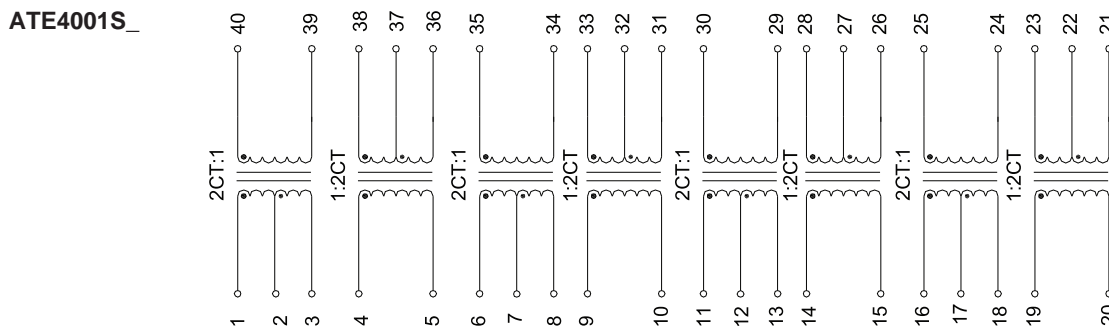
All specifications subject to change without notice.

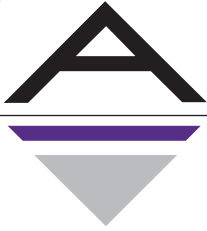
MECHANICAL



Unless otherwise specified all tolerances are: ±0.25 in mm

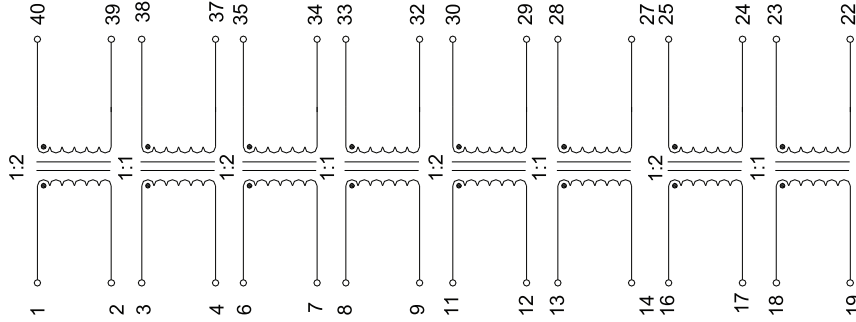
SCHEMATICS



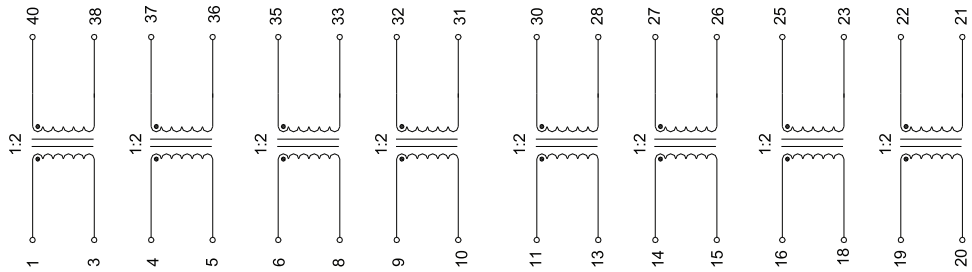


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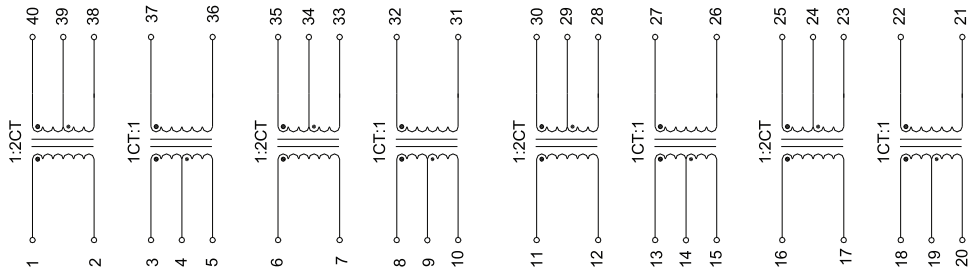
ATE4002S_



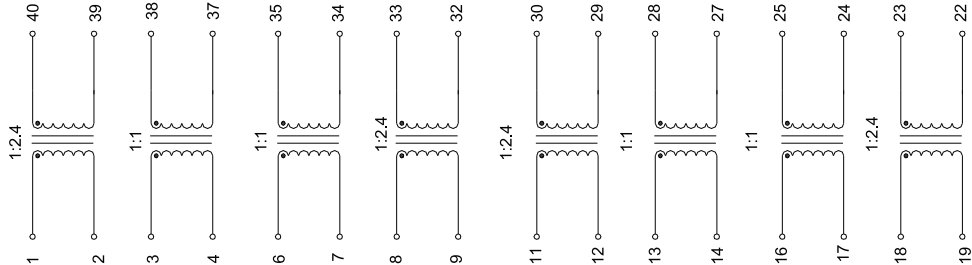
ATE4003S_



ATE4004S_



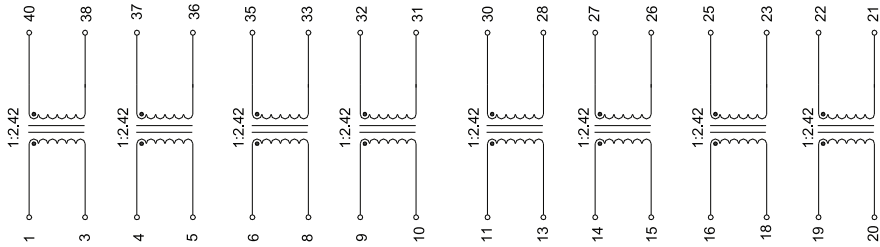
ATE4005S_



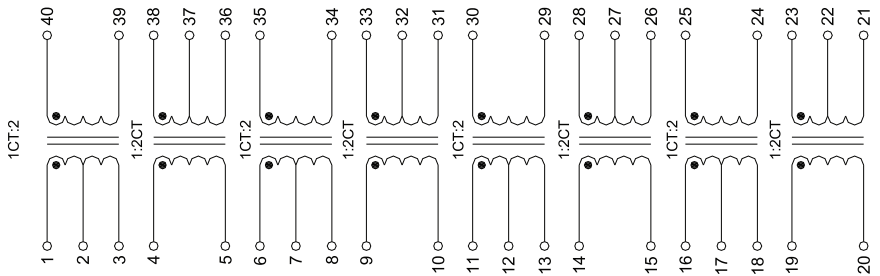


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 QUAD PORT SURFACE MOUNT TYPE

ATE4006S_



ATE4008S_



ATE4016S_

