



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

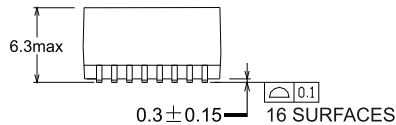
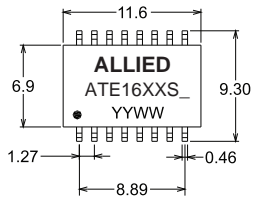
- Dual SMT package contains both transmit & receive transformers
- Models matched to leading Transceiver IC's
- Surface mount closed header construction
- UL Recognized
- Standard operating temp: 0°C to +70°C (see footnote)
- Industrial operating temp: -40°C to +85°C (see footnote)

Electrical Specifications @25°C							
Part Number	Turns Ratio (±5%)	OC L PRI (mH Min)	LL (uH Max)	CWW (pF Max)	DCR(25°C) (Ω Max)	HI-POT	Primary Pins
	Pri:Sec	10KHz, 0.1V	100KHz 0.2V	100KHz 0.2V	Pri	1mA 1Sec	Pri
ATE1601S_	1:2.42CT	1.5&1.5	0.5&0.5	35&35	0.8	1500VAC	1-3,6-8
ATE1602S_	1CT:1CT&1CT:2CT	1.2&1.2	0.6&0.6	35&35	0.7	1500VAC	16-14,6-8
ATE1603S_	1CT:2.42CT	1.2&1.2	0.6&0.6	25	0.7	1500VAC	1-3,6-8
ATE1604S_	1CT:1CT&1CT:1.36CG	1.2&1.2	0.6&0.6	30&30	0.7	1500VAC	16-14,6-8
ATE1605S_	1CT:1.41CT	1.0&1.0	0.6&0.6	30&30	0.7	1500VAC	1-3,11-9
ATE1606S_	1CS:2CS	0.03&0.05	5.0	100	3.0±15%	1500VAC	1-4,5-8
ATE1607S_	1:1	1.5&1.5	0.9&0.9	35&35	0.7	1500VAC	1-3,6-8
ATE1616S_	1:1	22	5	100	2.4	1500VAC	1-4,5-8
ATE1619S_	1CT:2CT&1:1.36CT	1.2&1.2	0.6&0.6	30&30	0.7	1500VAC	16-14,6-8
ATE1621S_	1CT:1CT&1CT:2CT	1.2&1.2	0.6&0.6	35&35	0.7	1500VAC	16-14,6-8

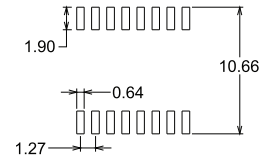
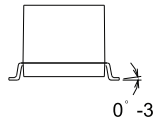
*Complete part number by inserting "S" for Standard Temp or "I" for Industrial Temp. All specifications subject to change without notice.

MECHANICAL

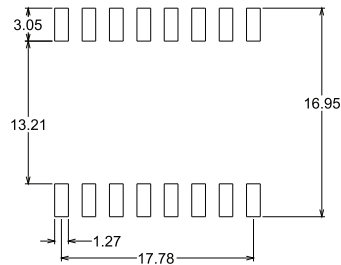
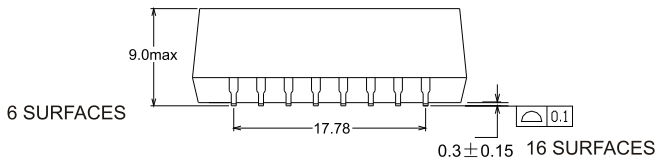
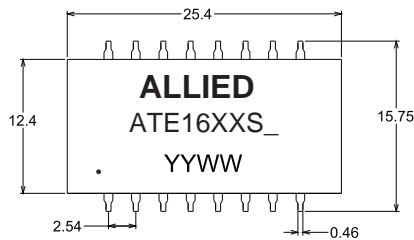
ATE1601S_, ATE1602S_, ATE1603S_, ATE1604S_,
ATE1605S_, ATE1607S_, ATE1619S_, ATE1621S_



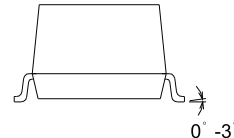
SUGGESTED PAD LAYOUT



ATE1606S_, ATE1616S_



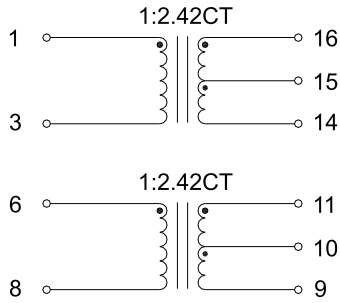
SUGGESTED PAD LAYOUT



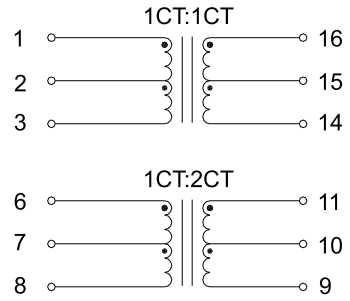


SCHEMATICS

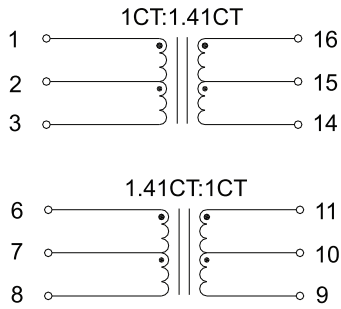
ATE1601S_, ATE1603S_



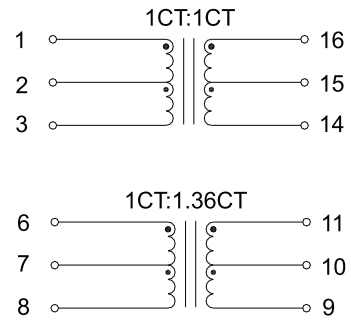
ATE1602S_, ATE1621S_



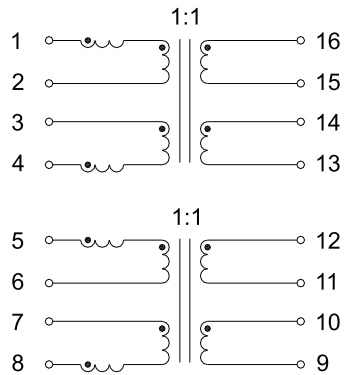
ATE1605S_



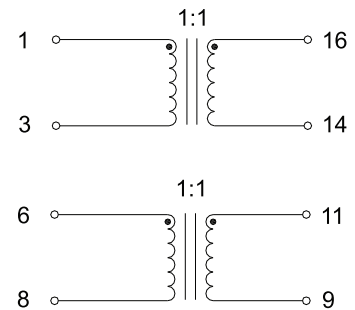
ATE1604S_



ATE1606S_



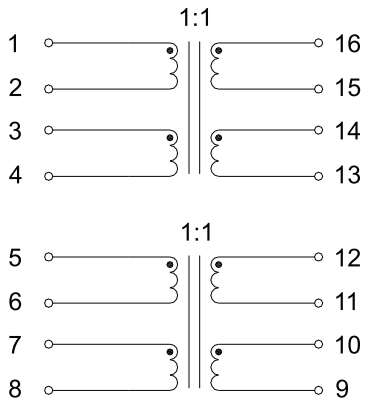
ATE1607S_





SCHEMATICS

ATE1618S_



ATE1619S_

