

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 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 OCL (mH Min)	L (uH Max)	CWW (pF Max)	DCR(25°C) (Ω Max)	HI-POT (Vrms)	Primary Pins
	Pri:Sec	10KHz 0.1V	100KHz 0.2V	100KHz 0.2V			
ATE1601C_	1:2.42CT	1.5&1.5	0.5&0.5	30&30	0.8	1500	1-3,6-8
ATE1602C_	1CT:1CT/1CT:2CT	1.2&1.2	0.6&0.6	30&30	0.7	1500	1-3,11-9
ATE1607C_	1CT:2CT	1.25&1.25	0.6&0.6	30&30	1.4	1500	1-3,6-8
ATE1608C_	1CT:1:0.8	1.25&1.25	0.8&0.8	30&30	1.0	1500	14-16,9-11
ATE1609C_	1CT:2CT	1.2&1.2	0.6&0.6	30&30	0.7	1500	14-16,6-8
ATE1610C_	1:2	1.5&1.5	0.5&0.5	30&30	0.75	1500	1-3,6-8
ATE1611C_	1:1.26	1.5&1.5	0.5&0.5	30&30	0.8	1500	1-3,6-8
ATE1612C_	1:1	20	1.2	1.2	1.2	1500	1-2,3-4,5-6,7-8
ATE1613C_	1CT:1CT	25	1.0	100	1.0	1500	1-2,7-8
ATE1614C_	1:2CT	1.2&1.2	0.8&0.8	30&30	1.2	1500	1-3,6-8
ATE1615C_	1CT:1.414CT	1.0&1.0	0.6&0.6	30&30	0.9	1500	16-14,11-9
ATE1617C_	1CT:1CT/1CT:2.4CT	1.0&1.0	0.8&0.8	30&30	0.85	1500	1-3/6-8
ATE1618C_	1CT:1CT	1.2&1.2	0.6&0.6	30&30	0.7	1500	16-14/6-8
ATE1620C_	1:1:1:1	25	1.5	100	3.2	1500	1-4/5-8

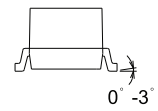
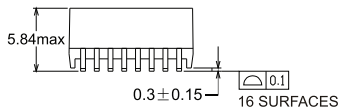
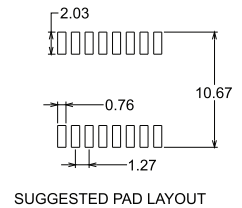
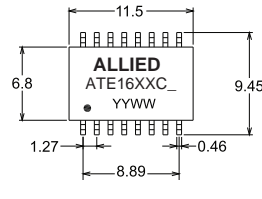
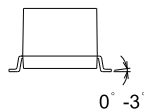
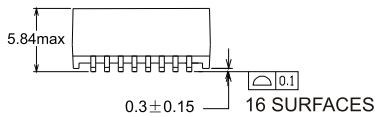
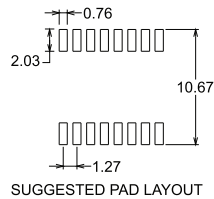
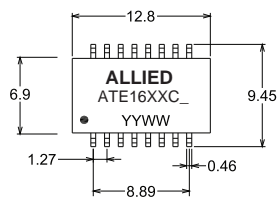
*Complete part number by inserting "S" for Standard Temp or "I" for Industrial Temp.

All specifications subject to change without notice.

MECHANICAL

ATE1601C_, ATE1602C_, ATE1607C_, ATE1608C_,
ATE1609C_, ATE1614C_, ATE1615C_, ATE1617C_,
ATE1618C_, ATE1620C_

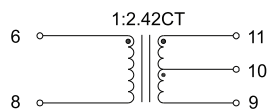
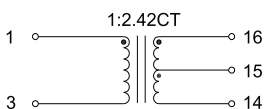
ATE1610C_, ATE1611C_, ATE1612C_, ATE1613C_



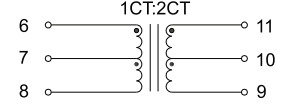
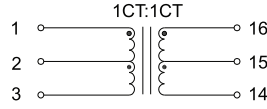
Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS

ATE1601C_



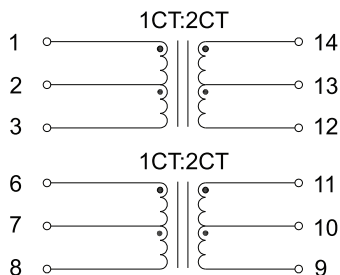
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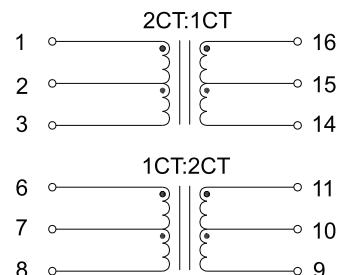


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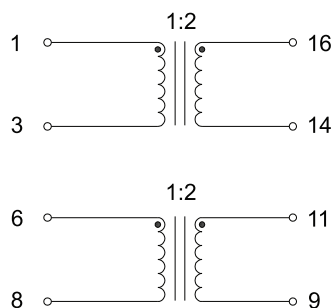
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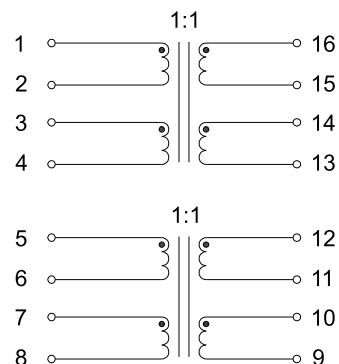
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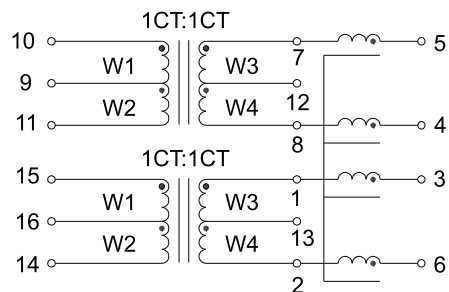
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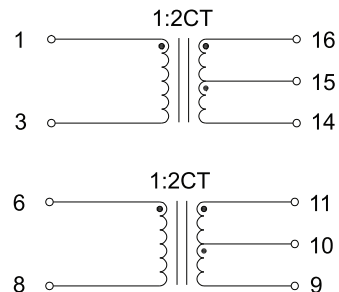
ATE1612C_, ATE1620C_



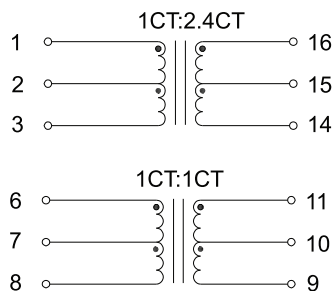
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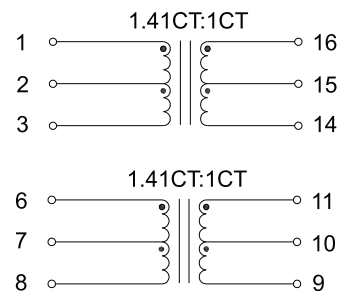
ATE1614C_



ATE1617C_



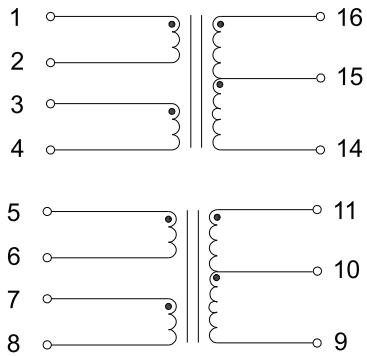
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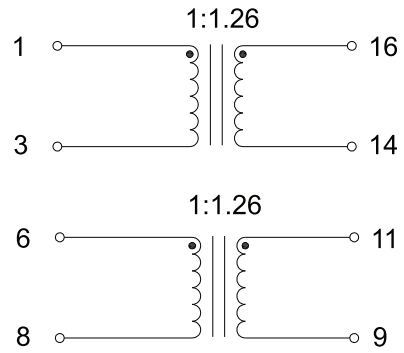


T1/E1/CEPT/ISDN-PRI TRANSFORMERS
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ATE1608C_



ATE1611C_



ATE1618C_

