

T1/CEPT/ISDN-PRI TRANSFORMERS

Dual Surface Mount, 1500Vrms Isolation Voltage

Standard and Extended temperature range



- 1) Models matched to leading transceiver ICs
- 2) Dual SMT package contains both transmit and receive transformer
- 3) Models matched to leading transceiver ICs
- 4) Designed to meet UL1459 and UL1950/ EN60950 requirements



Electrical Specifications @ 25°C --- Operating temperature 0°C To 70°C .

Part Number	Turns Ratio Pri:Sec +/-5%	Primary Pins	OCL@25°C (mH Min.)	CWW (pF Max.)	LL (uH Max.)	DCR Pri Ohm Max.	DCR Sec Ohm Max.	Package/ Schematic
S16-68861	1CT:2CT&1CT:2CT	12-10,4-6	1.20&1.20	35&35	0.60&0.60	0.70&0.70	1.20&1.20	MS/2
S16-68862	1CT:2CT&1:1.36CT	12-10,4-6	1.20&1.20	35&35	0.60&0.80	0.70&0.70	1.20&0.90	MS/1
S16-68863	1:2CT&1:1.14CT	12-10,4-6	1.20&1.20	40&35	0.55&0.80	0.70&0.70	1.20&0.90	MS/3
S16-68865	1:1.15CT&1CT:2CT	12-10,4-6	1.50&1.20	35&35	0.80&0.60	0.70&0.70	0.90&1.20	MS/4
S16-68869	1CT:2CT&1:1.08CT	12-10,4-6	1.20&1.20	40&30	0.60&0.60	0.70&0.70	1.10&0.90	MS/1
S16-68825	1:1.15CT&1CT:2CT	12-10,4-6	1.60&1.60	60&50	0.80&0.80	1.00&1.00	1.20&2.00	MS/4
S16-68826	1:1/1.26&1:2CT	12-10,4-6	1.20&1.20	50&60	0.80&0.80	1.00&1.00	1.10&1.70	MS/5

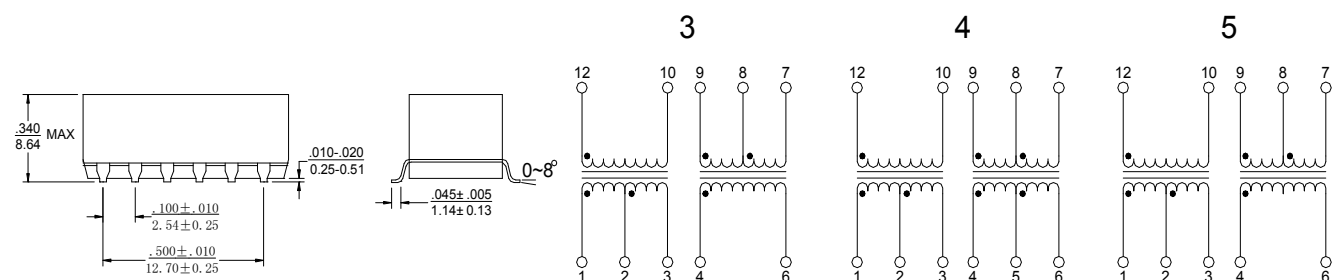
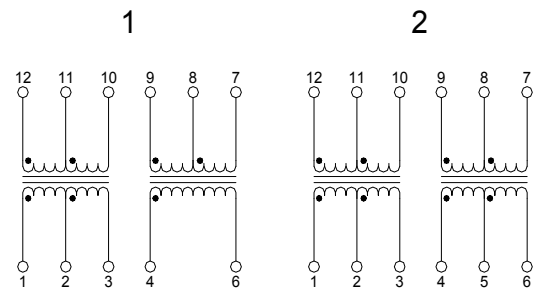
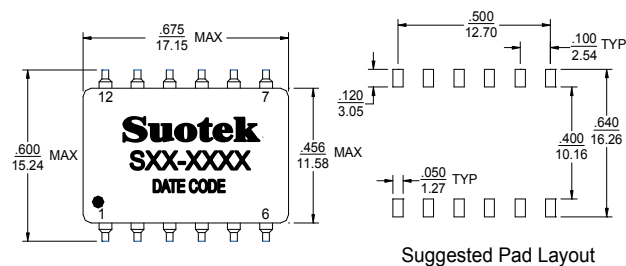
Electrical Specifications @ 25°C --- Operating temperature -40°C To +85°C .

S16-68841	1CT:2CT&1CT:2CT	12-10,4-6	1.20&1.20	50&50	0.80&0.80	1.00&1.00	1.70&1.70	MS/2
S16-68828	1CT:1CT&1CT:1CT	1-3,4-6	1.20&1.20	50&50	0.80&0.80	1.00&1.00	1.00&1.00	MS/2
S16-68884	1CT:1.36CT&1CT:1.36CT	1-3,4-6	1.20&1.20	50&50	0.80&0.80	1.20&1.20	1.40&1.40	MS/2
S16-68887	1CT:1.41CT&1CT:1.41CT	12-10,9-7	1.20&1.20	50&50	0.80&0.80	1.40&1.40	1.20&1.20	MS/2

Mechanical Dimensions

Schematics

MS (Unit:inches/mm)



Unless otherwise specified, all tolerance are +/- .010/0.25

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