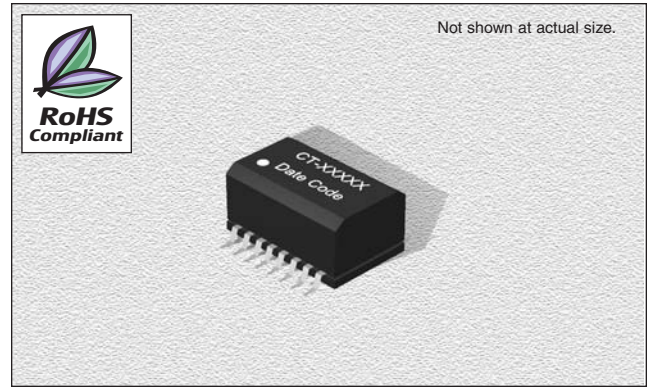


# 10 Base 16 Pin (SMD) Small Size



## APPLICATIONS

- 16 Pin, SMD package to compliant with IEEE 802.3 standard.
- Model is available to interface with 10 Base-T transceivers.
- Compatible with IR oven processes.
- Designed for fast rise time and low baseline wander.
- RoHS Compliant

Electrical Specifications @ 25°C

Operating Temperature: 0°C to +70°C

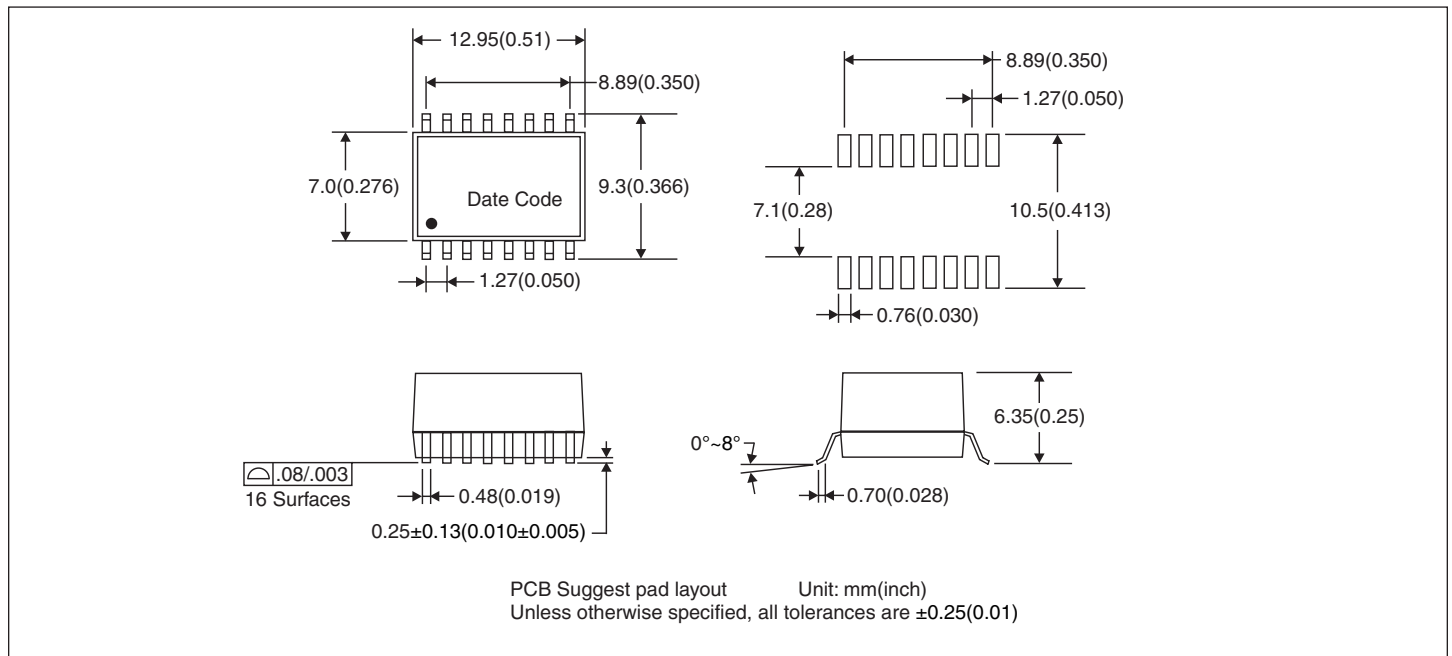
Storage Temperature: -25°C to +125°C

Isolation Voltage: 1500 Vrms

## ORDERING INFO

Part Number	Primary OCL (μH Min.)	Leakage Inductance (μH Max.)	Cw/w (pF Max.)	Turn Ratio (±5%)	Primary DCR (Ω Max.)	Rise Time (ns Max.)	Primary Pins
CT-65726F	200	0.2	10	1CT:1CT & 1CT:1CT	0.3	–	1-3, 6-8
CT-65728F	100 ± 20%	0.1	10	1:1	0.2	1.8	1-2, 4-5, 7-8
CT-68023F	200	0.3	12	1CT:2CT & 1CT:1CT	1.0	–	1-3, 6-8
CT-E2023F	200	0.5	15	1CT:2.5CT & 1CT:1CT	0.4	–	1-3, 6-8
CT-E4001F	100 ± 20%	0.3	9	1CT:1CT & 1CT:2CT	0.3	–	1-3, 6-8
CT-ST4152F	175	0.30	20	2CT:1CT & 1CT:1CT	0.9	–	1-3, 6-8
CT-ST4160F	140	0.30	12	1CT:1CT & 1CT:2CT	0.6	–	1-3, 6-8
CT-ST4242TF	150	0.5 & 0.6	17 & 20	1CT:1CT & 1CT:2.5CT	1.0	–	1-3, 6-8
CT-ST4202TF	150	0.5	17 & 20	1CT:1CT & 1CT:2.5CT	1.0	–	1-3, 6-8
CT-ST7010F	140	0.40	20	1CT:1CT & 1CT:1.41CT	0.90	–	1-3, 6-8

## PHYSICAL DIMENSIONS



05.29.07



Manufacturer of Passive and Discrete Semiconductor Components

800-684-5322 Inside US      949-453-1811 Outside US

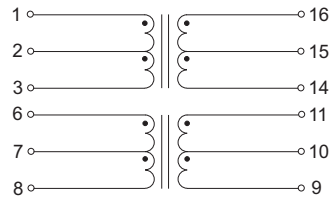
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CT Magnetics reserves the right to make improvements or change specifications without notice

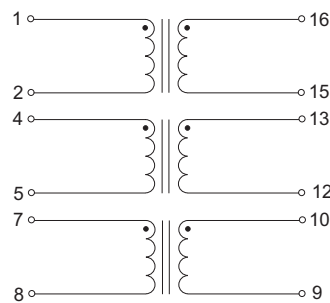
## 10 Base 16 Pin (SMD) Small Size

### SCHEMATICS

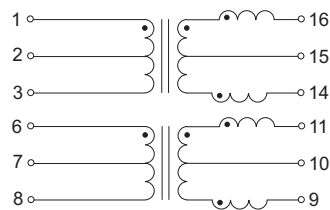
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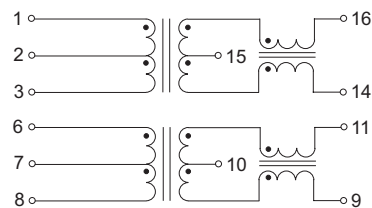
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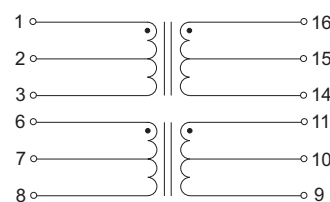
**CT-68023F**



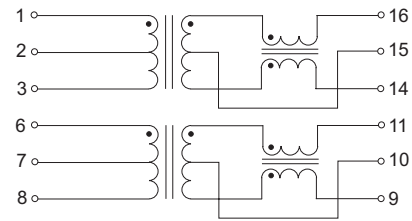
**CT-E2023F**



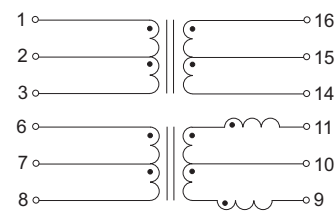
**CT-E4001F**



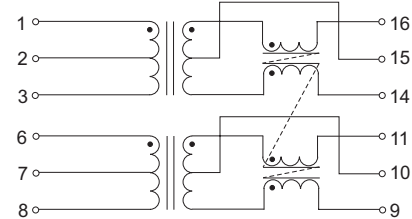
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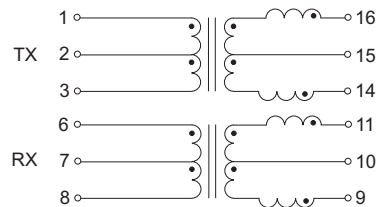
**CT-ST4160F**



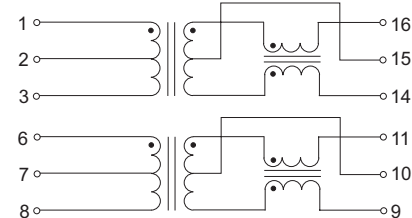
**CT-ST4242TF**



**CT-ST4202TF**



**CT-ST7010F**



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