

## Current Sense Transformers

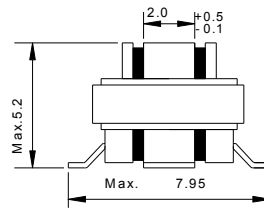
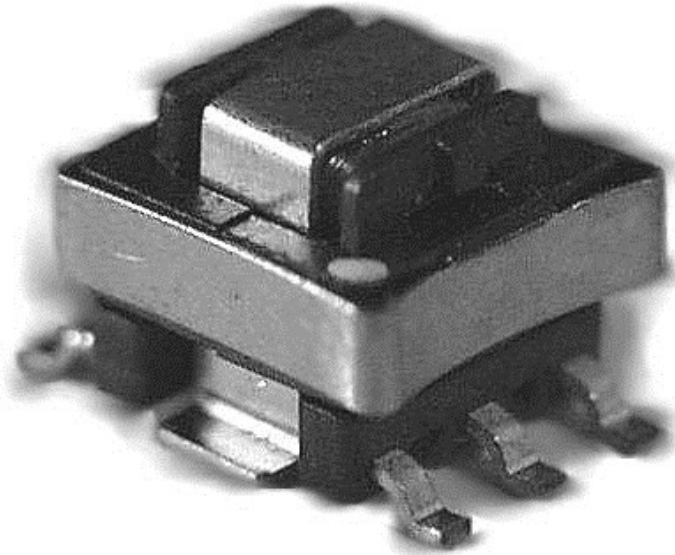
# Series 9300

### General applications

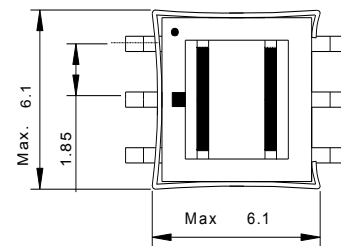
- Overload Limits
- Feedback control
- AC regulation
- Motor regulation

### Features

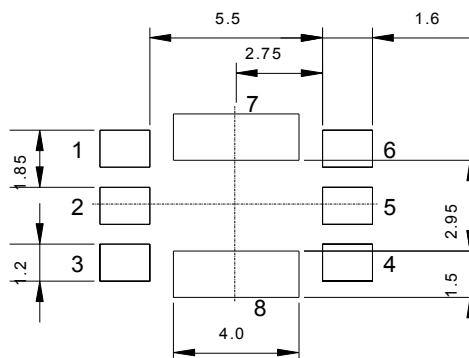
- 500V RMS HI-POT primary to secondary
- Frequency range up to 200 kHz
- Maximum primary current 6 A RMS
- Operating temperature -30 °C to 130 °C
- Pick 'n' place compatible
- Tape packaging
- Low-profile, 5,2 mm height



Top view:

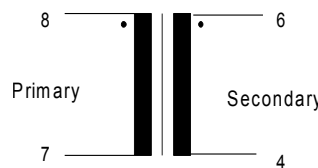


Recommended footprint:

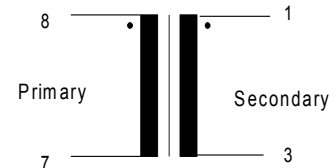


All measures in mm

Schematic Fig. 1:



Schematic Fig. 2:



Part number	Turns ratio	Min. secondary inductance, at 0,1 V & 10 kHz [µH]	Max. primary resistance [Ω]	Max. secondary resistance [Ω]	Secondary terminating resistor* [Ω]	Max. primary rating, unipolar [Vµs]	Max. primary rating, bipolar [Vµs]	Pref
28009310	1:30	180	0.005	0.87	25.00	18	36	
28009320	1:50	495	0.005	1.50	41.67	30	60	X
28009330	1:70	970	0.005	4.75	58.33	42	84	X
28009340	1:100	1980	0.005	5.50	83.33	60	120	X
28009311	1:30	180	0.005	0.87	25.00	18	36	
28009321	1:50	495	0.005	1.50	41.67	30	60	
28009331	1:70	970	0.005	4.75	58.33	42	84	
28009341	1:100	1980	0.005	5.50	83.33	60	120	

Specification at 25 °C

\*For 5.0 V output with 6.0 A<sub>RMS</sub> primary current

Subject to change without notice