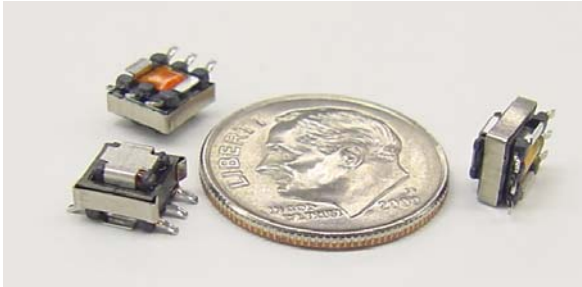


## SMD Current Sense Transformer CT322 Series

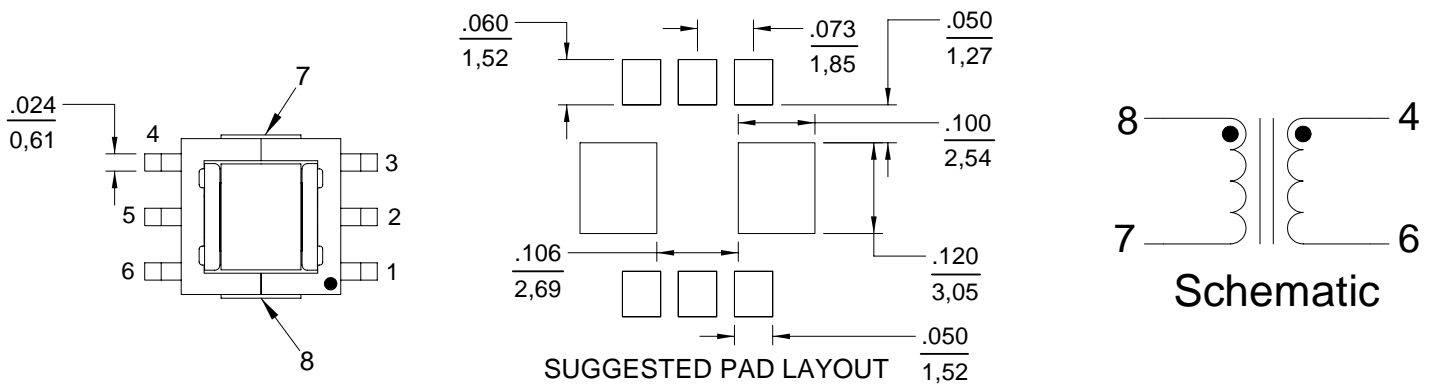


### Features

- Low Profile – Height: 4.1mm Max.
- Primary Rated for 20 Amps RMS Max.
- Operating Frequency Range: 10kHz to 1MHz
- Temperature range -20°C to +130°C
- Electrical Specifications @ 25°C

Datatronics Part Number	Turns Ratio (± 2%)	Inductance (4-6) $\mu$ H (TYP)	DCR (4-6) $\Omega$ (MAX)	Hipot Vrms
CT322-020	1:20	100	0.50	500
CT322-030	1:30	230	0.75	500
CT322-040	1:40	440	1.03	500
CT322-050	1:50	670	1.61	500
CT322-060	1:60	1000	1.98	500
CT322-070	1:70	1300	2.97	500
CT322-100	1:100	2800	5.36	500
CT322-125	1:125	4400	6.67	500
CT322-200	1:200	12200	33.24	500

### Mechanical Outline:



- Notes:
- 1.) All dimensions are in inches/mm
  - 2.) Tolerance:  $\pm 0.010/0,25$  unless otherwise specified
  - 3.) Inductance tested at 10 kHz, 0.1Vrms
  - 4.) Coplanarity: 0.004/0,102
  - 5.) Tape and reel quantity, 550 pcs/reel
  - 6.) Terminating resistor ( $R_T$ ) calculated:  

$$R_T = (N_{\text{TURNS}} / I_{\text{PRI}}) * V_{\text{REF}}$$