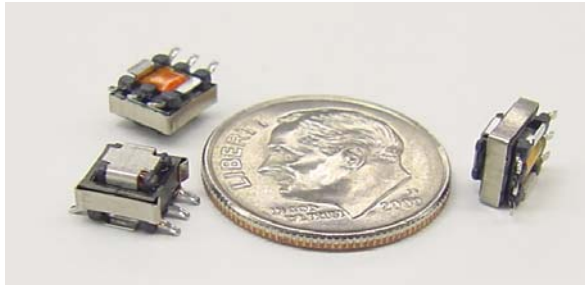


SMD Current Sense Transformer CT322 Series

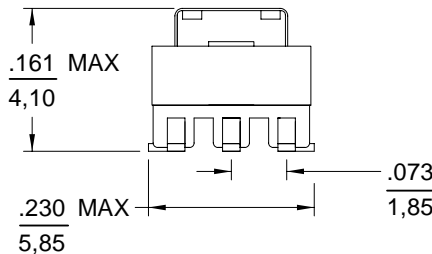
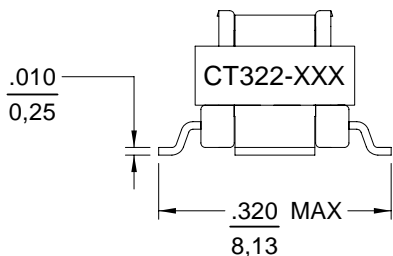
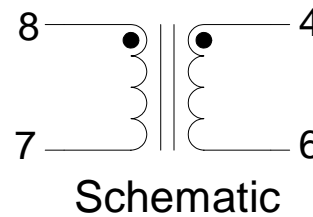
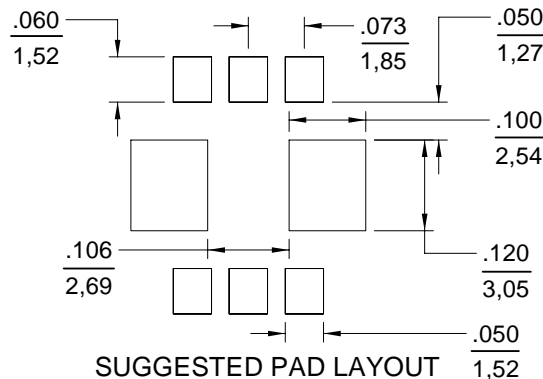
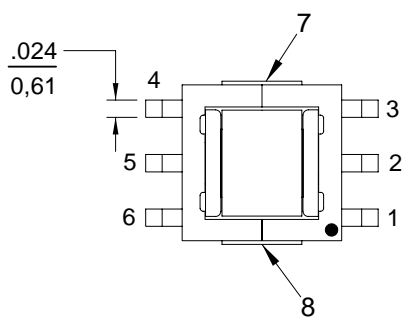


Features

- 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) μ H (TYP)	DCR (4-6) Ω (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:

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