

◆ Through-hole current sensor transormer

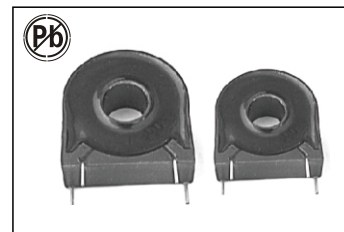
CT Series

FEATURES:

- High ratio
- Standard footprints

COMMON APPLICATIONS:

- AC energy Meter Power transducer RTU
- Protection current transformer
- AC kilowatt hour meter
- Electronical monitoring system



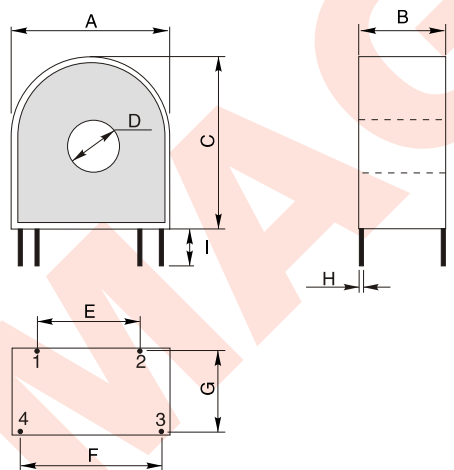
ELECTRICAL CHARACTERISTICS:

Part Number	Rated primary current(A)	Turns ratio	DCR (Ω)	Vmax	Frequency
General purpose vertical PCB current transformers					
CT021-1600	10	1600:1	95	1.6	20-1KHz
CT022-1000	20	1000:1	24	7.0	20-1KHz
CT022-2000	50	2000:1	106	10.2	20-1KHz
CT023-1000	50	1000:1	35	6.8	20-1KHz
CT023-1500	75	1500:1	80	12.8	20-1KHz
CT024-1000	100	1000:1	22	8.1	20-1KHz
CT024-2000	200	2000:1	73	16.7	20-1KHz
High frequency vertical PCB current transformers					
CT022-2000-F	50	2000:1	88	4.2	20-200KHz
CT023-2000-F	75	2000:1	109	7.1	20-200KHz
CT024-2000-F	100	2000:1	73	10.5	20-200KHz

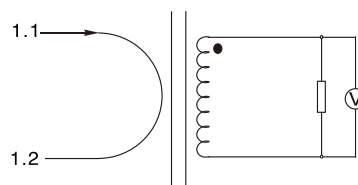
Part Number	Rated primary current(A)	Turns ratio	DCR (Ω)	Vmax	Frequency
Revenue grade vertical PCB current transformers					
CT022-2500-N	40	2500:1	134	4.1	20-1KHz
CT023-1000-N	50	1000:1	32	3.2	20-1KHz
CT023-2500-N	75	2500:1	190	7.9	20-1KHz
CT024-2500-N	100	2500:1	57	9.6	20-1KHz
DC Immune vertical PCB current transformers					
CT022-2000-D	50	2000:1	57	4.5	20-1KHz
CT023-2000-D	75	2000:1	48	7.6	20-1KHz
CT024-2000-D	100	2000:1	25	6.7	20-1KHz

Notes:
Vmax: Maximum voltage(saturation) CT will develop

TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS:



DIMENSIONS IN:mm



- Maximum continuous primary current 4 x rated current
- Storage Temperature: -45°C to +85°C
- Operating temperature general purpose & nickel: -40°C to +85°C
- Operating temperature high frequency: -40°C to +65°C
- Marking: Part number and date code

Note: All specifications subject to change without notice.

	A	B	C	D	E	F	G	H	I
CT021	19.4	8.2	19.5	5.5	12.7	N/A	N/A	1.0	3.0
CT022	23.5	11.0	25.0	6.7	15.24	19.0	9.5	1.0	3.0
CT023	26.0	17.0	28.0	9.0	15.24	19.0	15.5	1.0	3.0
CT024	37.5	14.0	39.0	12.8	25.4	33.02	12.7	1.0	3.0

Note: CT021 2Pins only