



Thousand Hundred Industrial Co., Ltd.

High Frequency Current Sensor Series

ella@thic.net

■UL Approved No: E318452

■CE Approved No: E0608080

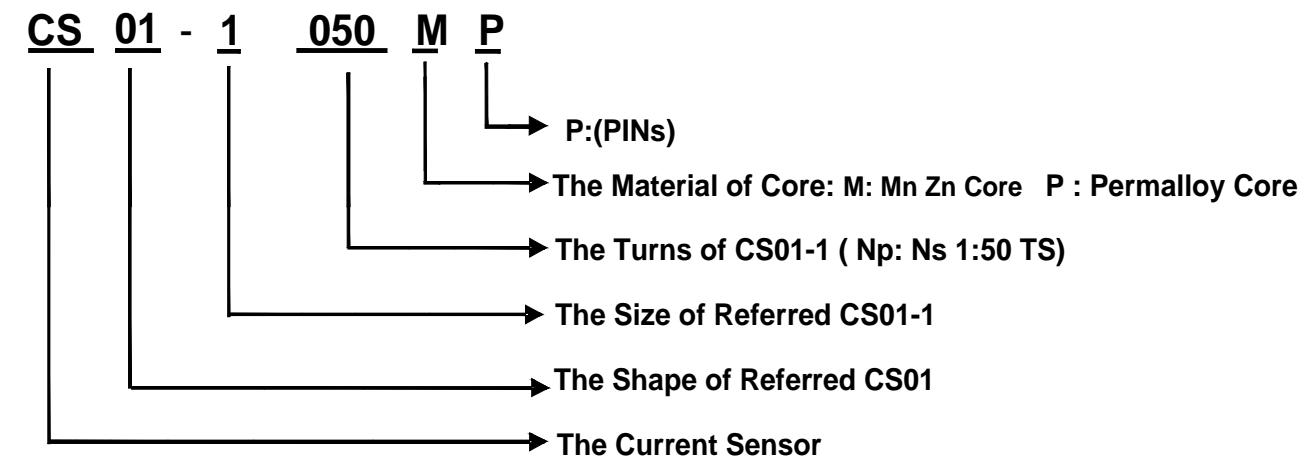
- Frequency Range: 50KHZ to 100KHz.
- Operating Temperature Range: -20°C to +65°C
- Storage Temperature Range :-25°C to +85°C
- Rated Voltage: 600V AC.
- Conforms to IEC 60044-1.
- Isolated Voltage : 4000V AC./1MA /Imin.
- Terminals: PC board or lead wire assembly.
- Products are in accordance with UL requirements.
- Fully RoHS Compliant.

■CS -1 and CS -2

Applications

- Precision power meter.
- Current measurements.
- Power monitoring.

Nomination



T.H

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Part Number	TURNS	Terminal	Specification				Mechanical Dimension							Photos
			Rated Current	Sensitivity	Inductance 16K/1V	RL	A	B	C	D	E	F	G	
			(A)	S(V/A)	mH	(Ω)								
CS011005 MP	50	1-3	10	1	5	50	18.0 0.71	10.0 0.40	21.0 0.83	5.0 0.20	12.5 0.49	4.0 0.16	0.8 0.03	
CS011010 MP	100	1-3	24	1	20	100								
CS011020 MP	200	1-3	30	1	80	200								
CS011030 MP	300	1-3	35	1	180	300								
CS011025(2)	25:25	1-2-3	10	1	5	50	18.0 0.71	10.0 0.40	21.0 0.83	5.0 0.20	12.5 0.49	4.0 0.16	0.8 0.03	
CS011050(2)	50:50	1-2-3	24	1	20	100								
CS011100(2)	100:100	1-2-3	30	1	80	200								
CS011150(2)	150:150	1-2-3	35	1	180	300								
CS012005 MP	50	1-2	10	1	5	50	18.0 0.71	10.0 0.40	21.0 0.83	4.5 0.18	12.5 0.49	4.0 0.16	0.8 0.03	
CS012010 MP	100	1-2	24	1	20	100								
CS012020 MP	200	1-2	30	1	80	200								
CS012030 MP	300	1-2	35	1	180	300								
CS013500	500	1-3	40	1	500	500	18.3 0.72	10.5 0.41	21.4 0.84	4.4 0.17	12.7 0.50	4.0 0.16	0.8 0.03	
CS013750	750	1-3	50	1	1125	750								
CS0131000	1000	3-4	80	1	1800	1000								
CS021050	50	3-4	10	1	5	50	16.9 0.67	12.4 0.49	17.4 0.69	15.0 0.59	10.0 0.39	4.0 0.16	0.7 0.03	
CS021100	100	3-4	24	1	20	100								
CS021200	200	3-4	30	1	80	200								
CS021300	300	3-4	35	1	180	300								
CS021500	500	3-4	40	1	500	500								
CS021750	750	3-4	50	1	1125	750								
CS0211000	1000	3-4	80	1	1800	1000								