



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

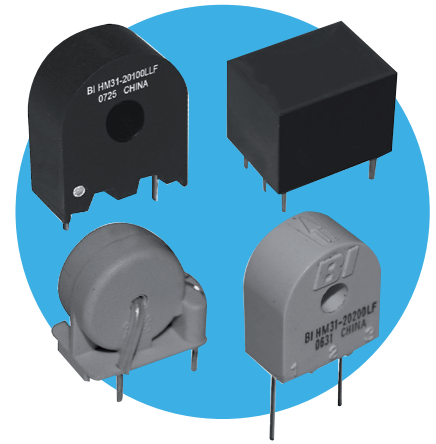


Encapsulated Current Sense Transformers

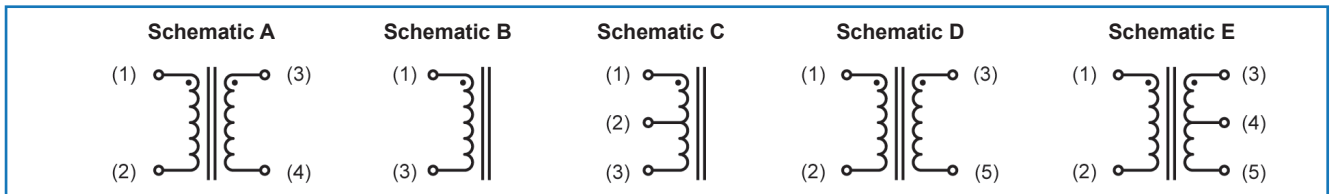
Model HM31

Electrical / Environmental

- Insulation Resistance, Minimum 100 MΩ
- Operating Temperature Range -25°C to +105°C
- Dielectric Withstanding Voltage 4.2 kV Pri to Sec
- RoHS Compliant



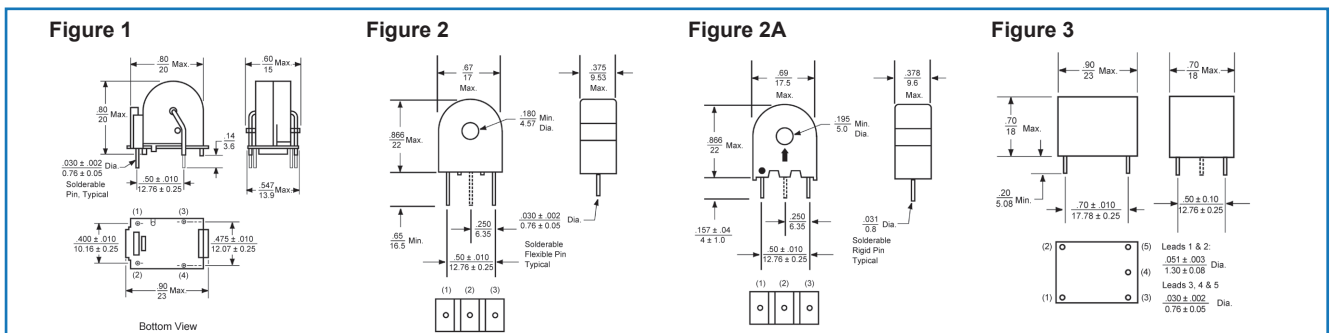
Schematics



Specifications @ 25°C / Packaging

Part Number	Turns ratio ±1% or ±1 turn whichever is greater	Secondary Inductance @ 10 kHz mH min.	Secondary DC Resistance Ω Max.	Schematic	Figure	Secondary V-μS Max.	Current 1 Turn Primary Amps	Carton Box Quantity (Units)
HM31-10050LF	1:50	5	0.7	A	1	300	5	360
HM31-10100LF	1:100	20	1.4	A	1	600	5	360
HM31-20050LF	1:50	5	0.7	B	2	330	20	600
HM31-20100LF	1:100	20	1.4	B	2	660	20	600
HM31-20200LF	1:200	85	4.5	B	2	1,300	20	600
HM31-21050LF	1:25:25	1.3	0.7	C	2	150	20	600
HM31-21100LF	1:50:50	5	1.4	C	2	330	20	600
HM31-21200LF	1:100:100	20	4.5	C	2	660	20	600
HM31-20050LLF	1:50	5	0.7	B	2A	330	20	900
HM31-20100LLF	1:100	20	1.4	B	2A	660	20	900
HM31-20200LLF	1:200	85	4.5	B	2A	1,300	20	900
HM31-21050LLF	1:25:25	1.3	0.7	C	2A	150	20	900
HM31-21100LLF	1:50:50	5	1.4	C	2A	330	20	900
HM31-21200LLF	1:100:100	20	4.5	C	2A	660	20	900
HM31-30050LF	1:50	5	0.7	D	3	330	20	90
HM31-30100LF	1:100	20	1.4	D	3	660	20	90
HM31-30200LF	1:200	85	4.5	D	3	1,300	20	90
HM31-30300LF	1:300	195	11.0	D	3	2,000	20	90
HM31-31050LF	1:25:25	1.3	0.7	E	3	160	20	90
HM31-31100LF	1:50:50	5	1.4	E	3	330	20	90
HM31-31200LF	1:100:100	20	4.5	E	3	660	20	90
HM31-31300LF	1:150:150	48	11.0	E	3	1,000	20	90

Outline Dimensions (Inch/mm)



General Note

TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.