

## Electrical / Environmental

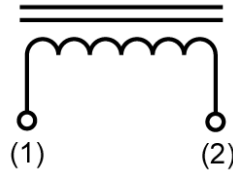
# HM13

## High Inductance High Frequency Toroidal Inductors

- Operating Temperature Range -40°C to +125°C
- Insulation Resistance, Minimum 100MΩ
- Insulation System Class B, 130°C
- Temperature Rise, Maximum 40°C



### Schematic (Figure 1 & 2)

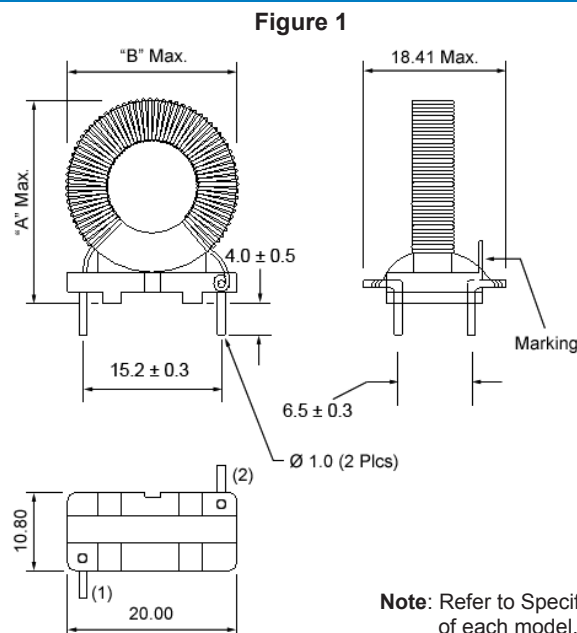


### Specifications @ 25°C

Part Number	Inductance <sup>(1)</sup> Typical μH	Current I <sub>DC</sub> Amps Max.	DC Resistance Ω Max.	ET <sub>op</sub> V-μSec	Energy Storage μJ Min.	Figure	Mechanical Outline Dim. A (mm)	Mechanical Outline Dim. B (mm)
HM13-05001LF	500	0.60	0.40	150	90	1	29.21	24.13
HM13-10001LF	1000	0.35	1.00	200	60	1	29.21	24.13
HM13-20001LF	2000	0.25	1.40	300	60	1	29.21	24.13
HM13-05002LF	500	1.75	0.35	400	765	2	35.56	30.48
HM13-10002LF	1000	1.00	0.75	500	500	2	35.56	30.48
HM13-20002LF	2000	0.65	1.70	700	470	2	35.56	30.48
HM13-05003LF	500	2.75	0.25	750	1890	2	43.18	36.83
HM13-10003LF	1000	2.00	0.55	900	2000	2	43.18	36.83
HM13-20003LF	2000	1.50	0.80	1200	2250	2	43.18	36.83

- Notes: (1) Inductance is measured at 100kHz, 0.1Vrms (@ DC current).  
 (2) It is recommended that the temperature of the component (ambient plus temperature rise) does not exceed 125°C under worst case operating conditions.

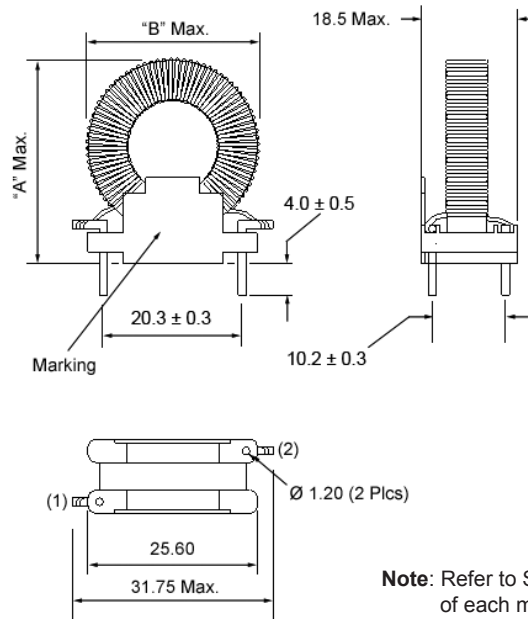
### Outline Dimensions (mm)



Note: Refer to Specifications table for 'A' & 'B' dimensions of each model.

## Outline Dimensions (mm) (Cont'd)

Figure 2



**Note:** Refer to Specifications table for 'A' & 'B' dimensions of each model.

## Packaging

**Standard:** Paper Packaging

Case Size	Capacity Per Carton (Units)
1	400
2	268
3	168

## Ordering Information

