



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!



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Surface Mount Common Mode Chokes

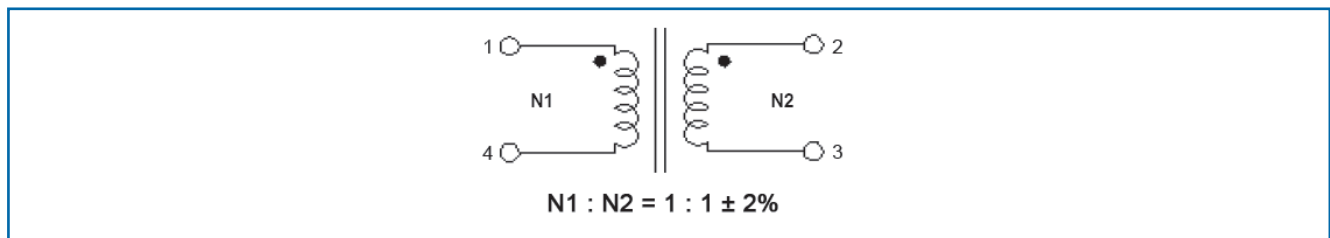
MODEL HM85

Features

- Operating Temperature Range -40°C to +125°C
- Ambient Temperature, Maximum +80°C
- Temperature Rise, Maximum 45°C
- RoHS Compliant



Schematics



Specifications @ 25°C

Part Number	Inductance (1-4 or 2-3) mH ±30%	Rated Current Amps	DC Resistance mΩ Max.	Case Size	Height mm Max.
HM85-32261LF	0.26	3.0	15.5	STM32	5.6
HM85-37501LF	0.50	2.2	50.0	STM37	8.3
HM85-37102LF	1.00	1.8	70.0	STM37	8.3
HM85-37152LF	1.50	1.5	100.0	STM37	8.3
HM85-37103LF	10.0	1.0	450	STM37	8.3
HM85-37223LF	22.0	0.5	850	STM37	8.3
HM85-44151LF	0.15	5.6	10.0	STM44	9.3
HM85-50221LF	0.22	3.7	30.0	STM50	10.0
HM85-50591LF	0.59	5.6	18.5	STM50	10.0
HM85-50771LF	0.77	4.7	40.0	STM50	10.0
HM85-50102LF	1.00	3.2	55.0	STM50	10.0
HM85-50132LF	1.30	3.0	60.0	STM50	10.0
HM85-50152LF	1.50	2.4	90.0	STM50	10.0
HM85-50302LF	3.00	2.0	120.0	STM50	10.0

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

Packaging

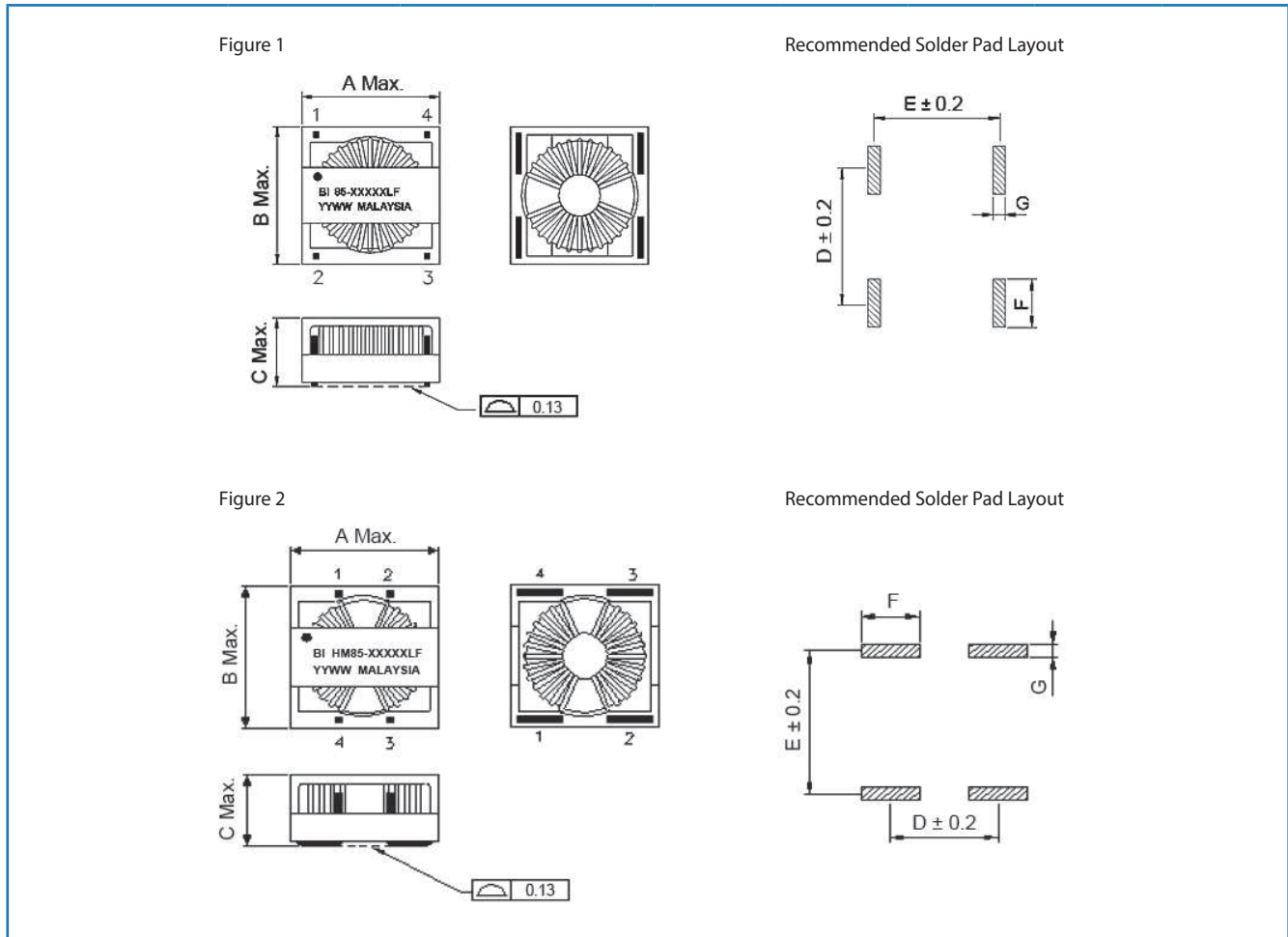
Standard:	Embossed Tape and Reel			
	Reel:	Diameter:	= 13" (330.2mm)	
		Capacity:	Case size STM32	= 500 Units
			Case size STM37	= 200 Units
			Case size STM44	= 200 Units
			Case size STM50	= 150 Units

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.

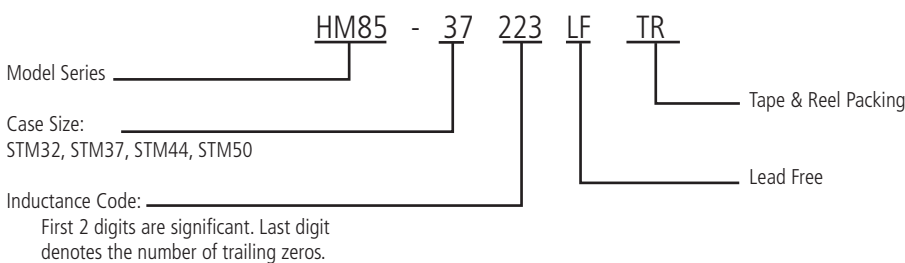
MODEL HM85

Outline Dimensions (mm)



Case Size	Figure	A	B	C	D	E	F	G
STM32	1	12.7	14.7	5.6	10.1	10.4	2.5	1.4
STM37	2	14.4	16.4	8.3	8.6	13.5	4.5	1.6
STM44	2	15.0	18.2	9.3	9.4	15.5	4.5	1.6
STM50	2	18.0	19.4	10.0	11.3	16.8	4.5	1.6

Ordering Information



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