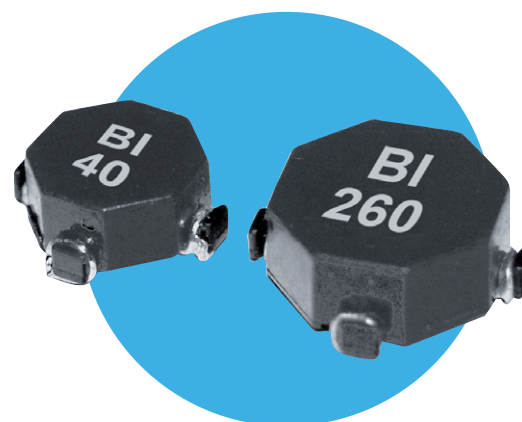


Surface Mount Common Mode Chokes

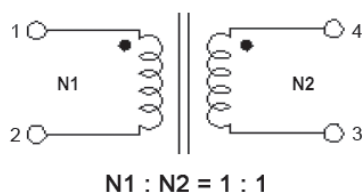
MODEL HM86

Features

- Operating Temperature Range -40°C to +125°C
- Ambient Temperature, Maximum +85°C
- Temperature Rise, Maximum 40°C
- RoHS Compliant



Schematics



Specifications @ 25°C

Part Number	Inductance (1-2 or 4-3) μH ±30%	Rated Current (Max.) Amps	DC Resistance (1-2 or 4-3) mΩ Typ.	Leakage Inductance (μH) Max.	Interwinding Capacitance pF Typ.	Figure	Height mm Max.
HM86-10025LF	25.0	5.35	3.10	0.22	2.00	1	5.2
HM86-10040LF	40.0	4.40	3.89	0.34	2.30	1	5.2
HM86-10070LF	70.0	3.60	5.35	0.47	2.50	1	5.2
HM86-10095LF	95.0	2.80	7.97	0.80	2.80	1	5.2
HM86-10150LF	150.0	2.30	16.85	1.25	3.10	1	5.2
HM86-10275LF	275.0	1.85	34.53	1.75	3.40	1	5.2
HM86-10320LF	320.0	1.60	39.72	2.00	3.60	1	5.2
HM86-10400LF	400.0	1.35	42.73	2.60	3.90	1	5.2
HM86-10500LF	500.0	1.10	57.43	3.30	4.10	1	5.2
HM86-10620LF	620.0	0.94	73.72	4.00	4.30	1	5.2
HM86-10750LF	750.0	0.80	98.34	5.00	4.60	1	5.2
HM86-11100LF	1100.0	0.67	161.2	6.30	4.90	1	5.2
HM86-11300LF	1300.0	0.58	245.5	7.30	5.10	1	5.2
HM86-11600LF	1600.0	0.50	350.5	9.00	5.40	1	5.2
HM86-20035LF	34.9	5.70	4.63	0.31	2.80	2	6.0
HM86-20050LF	50.0	5.10	5.12	0.46	3.05	2	6.0
HM86-20075LF	75.0	4.75	6.52	0.64	3.30	2	6.0
HM86-20105LF	105.0	3.95	7.92	0.85	3.50	2	6.0
HM86-20175LF	175.0	3.10	15.9	1.30	3.70	2	6.0
HM86-20260LF	260.0	2.85	19.5	1.90	3.90	2	6.0
HM86-20310LF	310.0	2.45	25.3	2.20	4.15	2	6.0
HM86-20420LF	420.0	2.00	36.8	3.00	4.40	2	6.0
HM86-20480LF	480.0	1.70	50.2	3.30	4.65	2	6.0
HM86-20620LF	620.0	1.45	62.1	4.20	4.85	2	6.0
HM86-20780LF	780.0	1.20	92.3	5.10	5.10	2	6.0
HM86-20950LF	950.0	1.05	132.1	6.10	5.35	2	6.0
HM86-21250LF	1250.0	0.88	192.2	7.80	5.55	2	6.0
HM86-21600LF	1600.0	0.75	286.5	9.60	5.80	2	6.0

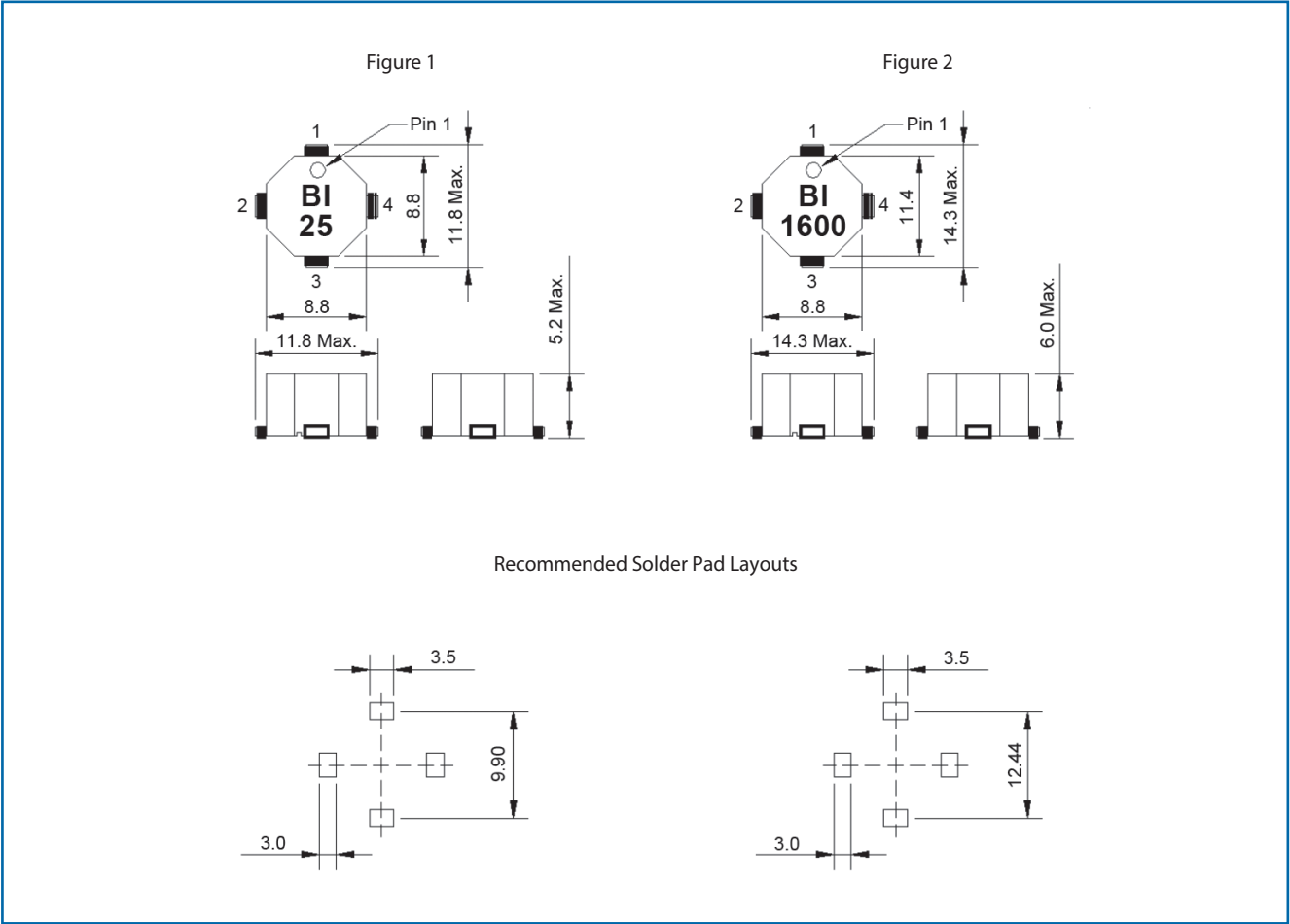
- Notes:
- (1) Inductance, leakage inductance and interwinding capacitance are measured at 100kHz, 0.1Vrms.
 - (2) Leakage inductance is measured at pin-1-2 with N2 (pin 4-3) winding shorted.
 - (3) It is recommended that the temperature of the component (ambient plus temperature rise) does not exceed 125°C under worst case operating conditions.

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 HM86

Outline Dimensions (mm)



Packaging

Standard:	Embossed Tape and Reel		
	Reel:	Diameter:	= 13" (330.2mm)
		Case size 1	= 800 units
		Capacity: Case size 2	= 600 units

Ordering Information

