

SMD Choke Coils

Singapore

Series: **M**

Type: **ELL4□M**



Type ELL4□M

■ Features

- Magnetic shielded structure
- Low DC resistance and large current capability
- Shock resistant
- Available on tape and reel for automatic insertion

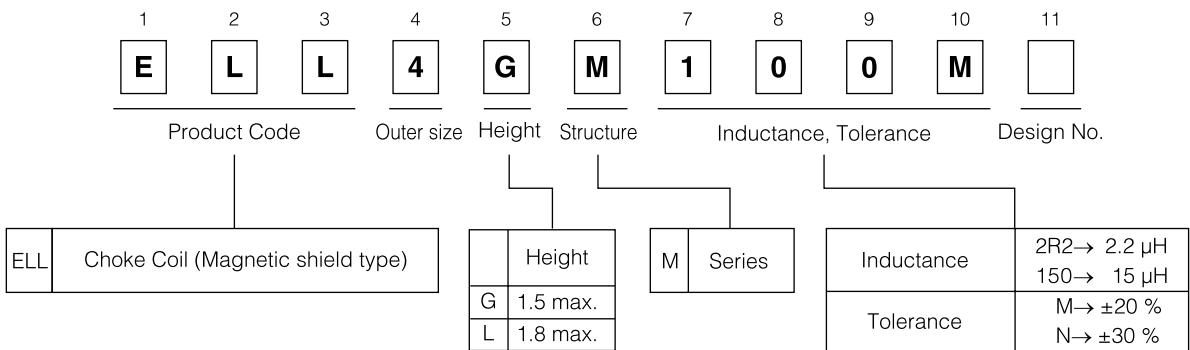
■ Recommended Applications

- DC/DC converter circuitry for computer peripherals and cellular hand sets.
- Chopper circuit decoupling chokes in DC/DC converter circuitry

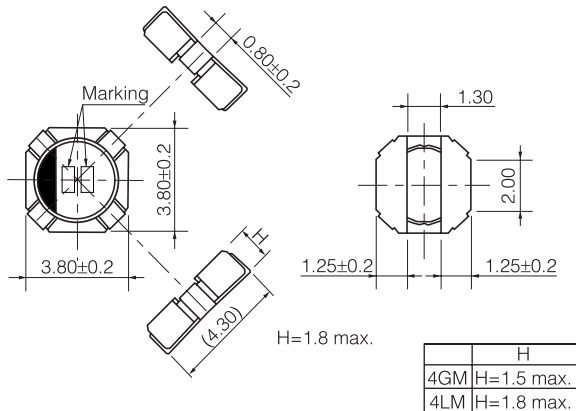
■ Standard Packing Quantity

- 4GM : 2000 pcs./Reel, 4LM : 3000 pcs./Reel

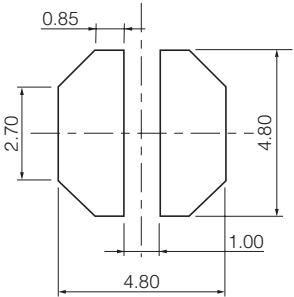
■ Explanation of Part Numbers



■ Dimensions in mm (not to scale)



■ Recommended land patterns in mm (not to scale)



Standard Parts

Part Number	Inductance (100kHz)		R _{DC} (at 20 °C)		* Rated Current (mA max.)	Marking
	(μH)	Tol.	(mΩ)	Tol.		
ELL4GM2R4N	2.4	±30 %	66	±20 %	1150	12
ELL4GM3R6N	3.6		100		950	17
ELL4GM4R7N	4.7		120		800	21
ELL4GM5R6N	5.6		130		750	23
ELL4GM6R8N	6.8		180		640	26
ELL4GM8R2N	8.2	±20%	220	±20 %	580	29
ELL4GM100M	10.0		260		540	31
ELL4GM180M	18.0		490		400	35
ELL4GM220M	22.0		560		350	36
ELL4GM270M	27.0		640		330	37
ELL4GM330M	33.0		700		300	39
ELL4LM1R0N	1.0	±30%	26	±20%	2000	01
ELL4LM1R5N	1.5		31		1600	06
ELL4LM2R0N	2.0		43		1350	10
ELL4LM2R7N	2.7		56		1250	13
ELL4LM3R3N	3.3		62		1100	16
ELL4LM4R7N	4.7	±20%	90	±20%	900	21
ELL4LM6R2N	6.2		140		800	25
ELL4LM7R5N	7.5		150		720	27
ELL4LM100M	10.0		180		690	31
ELL4LM120M	12.0		200		530	32
ELL4LM150M	15.0	±20%	300	±20%	500	33
ELL4LM180M	18.0		320		460	35
ELL4LM220M	22.0		380		430	36
ELL4LM270M	27.0		420		370	37

* Current: This indicates the value of current when the inductance is 70% of nominal value and case temperature has risen 45 °C (at 20°C)

Embossed Carrier Tape Dimensions in mm (not to scale)

● 4GM, 4LM

