SMD Choke Coils

Series: M

Type: **ELL3GM**

Singapore



Type ELL3GM

■ Features

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

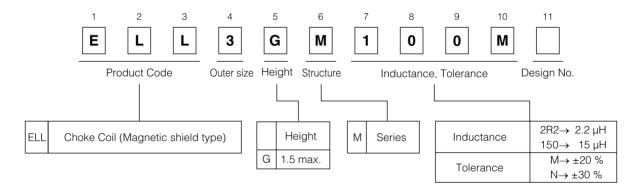
■ Recommended Applications

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

■ Standard Packing Quantity

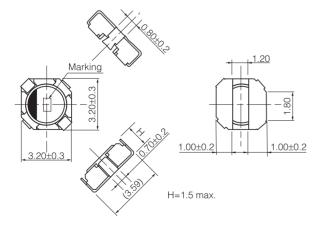
• 2000 pcs./Reel

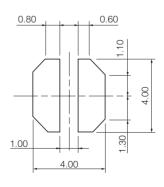
■ Explanation of Part Numbers



■ Dimensions in mm (not to scale)

■ Recommended land patterns in mm (not to scale)







■ Standard Parts

Part Number	Inductance (100kHz)		Roc (at 20 °C)		*Rated Current	Marking
	(µH)	Tol.	$(m\Omega)$	Tol.	(mA max.)	
ELL3GM2R2N	2.2	±30%	100	±20%	1100	С
ELL3GM2R7N	2.7		110		1000	D
ELL3GM3R3N	3.3		130		980	E
ELL3GM3R9N	3.9		140		940	F
ELL3GM4R3N	4.3		220		720	Н
ELL3GM5R1N	5.1		240		690	I
ELL3GM5R6N	5.6		260		670	J
ELL3GM6R8N	6.8		280		650	K
ELL3GM8R2N	8.2		310		620	L
ELL3GM100M	10.0	±20%	350		550	M
ELL3GM120M	12.0		400		530	N
ELL3GM150M	15.0		560		440	0
ELL3GM180M	18.0		640		420	Р
ELL3GM220M	22.0		770		360	R
ELL3GM270M	27.0		1050		330	S
ELL3GM330M	33.0		1200		310	Т

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

■ Embossed Carrier Tape Dimensions in mm (not to scale)

