

### SMD Choke Coils

Singapore

Series: **M**

Type: **ELL3GM**



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.

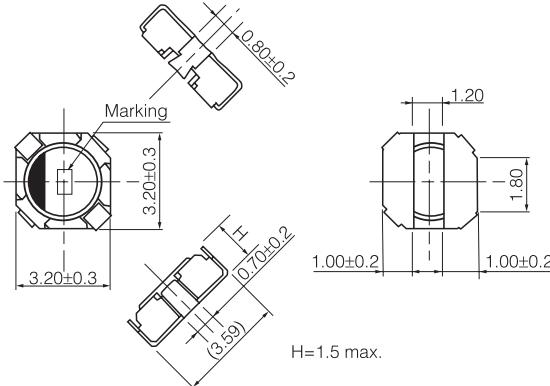
#### ■ Standard Packing Quantity

- 2000 pcs./Reel

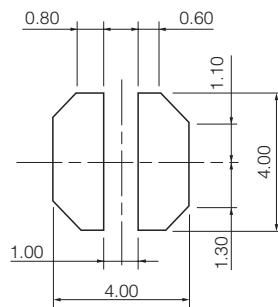
#### ■ Explanation of Part Numbers

1	2	3	4	5	6	7	8	9	10	11
<b>E</b>	<b>L</b>	<b>L</b>	<b>3</b>	<b>G</b>	<b>M</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>M</b>	
Product Code	Outer size	Height	Structure			Inductance, Tolerance			Design No.	
ELL	Choke Coil (Magnetic shield type)			Height	M	Inductance				
		G	1.5 max.		Series	1.50 → 2.2 $\mu$ H				
						150 → 15 $\mu$ H				
						Tolerance	M → ±20 %			
							N → ±30 %			

#### ■ Dimensions in mm (not to scale)



#### ■ Recommended land patterns in mm (not to scale)



Design and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and/or use. Should a safety concern arise regarding this product, please be sure to contact us immediately.

NEW

Panasonic

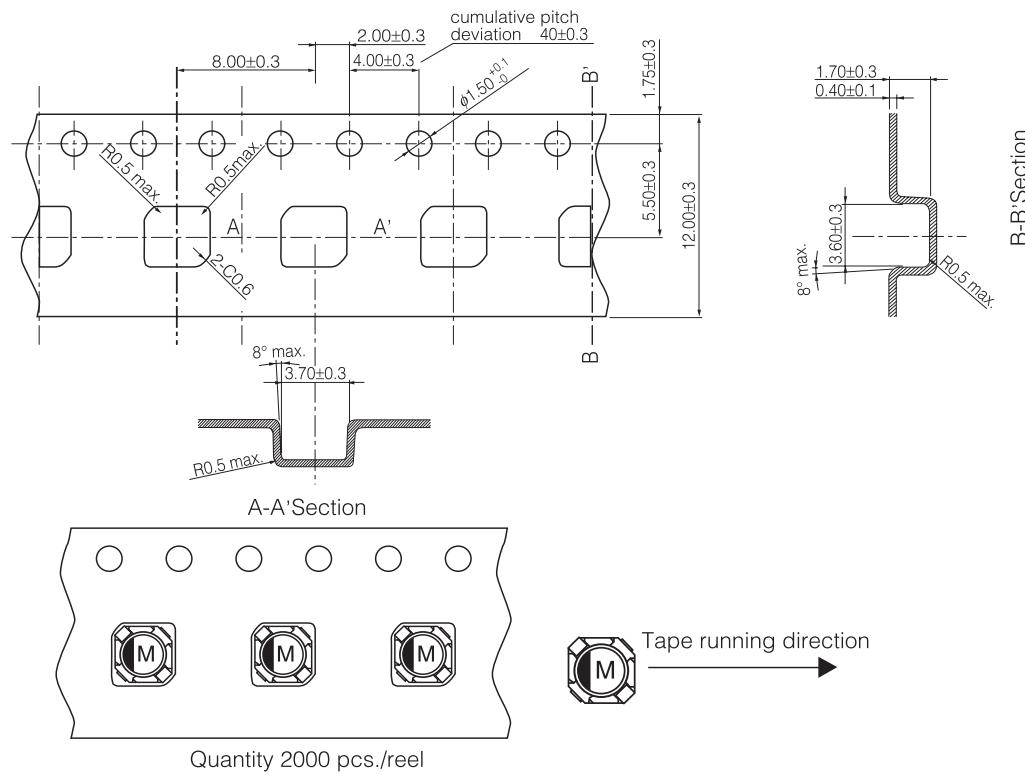
Choke Coils

## ■ Standard Parts

Part Number	Inductance (100kHz)		R <sub>DC</sub> (at 20 °C)		*Rated Current (mA max.)	Marking
	( $\mu$ H)	Tol.	(m $\Omega$ )	Tol.		
ELL3GM2R2N	2.2	$\pm 30\%$	100	$\pm 20\%$	1100	C
ELL3GM2R7N	2.7		110		1000	D
ELL3GM3R3N	3.3		130		980	E
ELL3GM3R9N	3.9		140		940	F
ELL3GM4R3N	4.3		220		720	H
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		350		550	M
ELL3GM120M	12.0		400		530	N
ELL3GM150M	15.0		560		440	O
ELL3GM180M	18.0		640		420	P
ELL3GM220M	22.0		770		360	R
ELL3GM270M	27.0		1050		330	S
ELL3GM330M	33.0		1200		310	T

\* 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)



Design and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and/or use. Should a safety concern arise regarding this product, please be sure to contact us immediately.