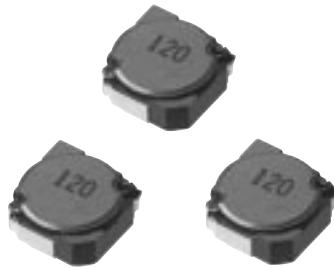


## SMD Choke Coils

Singapore

Series: F

Type: **ELLATF**



Type ELLATF

## ■ Features

- Magnetic shielded structure
- Low DC resistance and capable of corresponding large current
- Available on tape and reel for automatic insertion

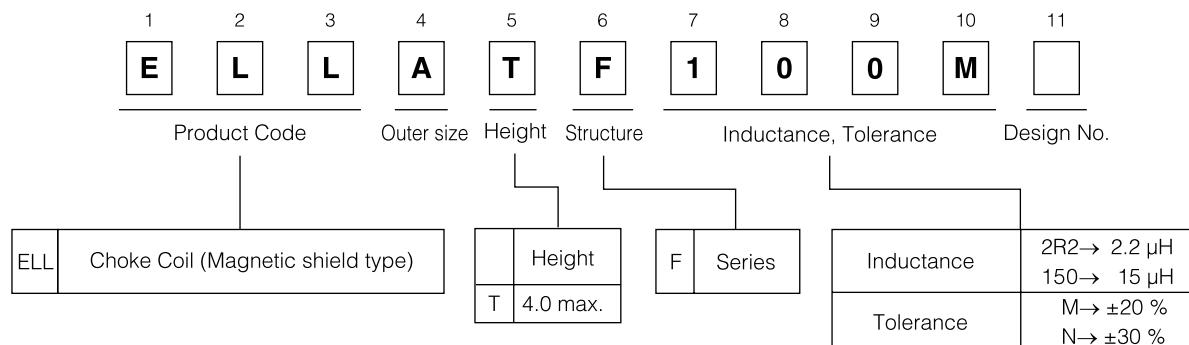
## ■ Recommended Applications

- DC/DC converter circuit for Computer peripheral
- Choke coils for Chopper circuit decoupling choked in DC/DC converter circuit

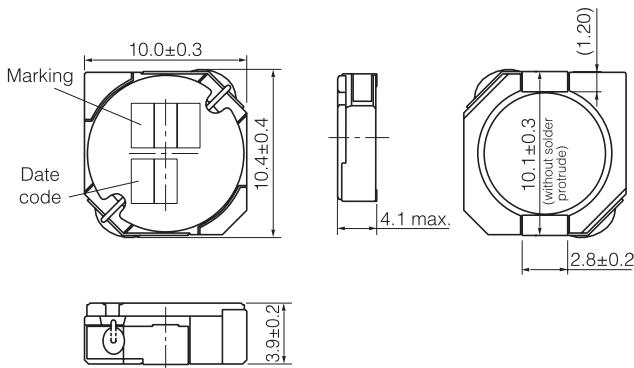
### ■ Standard Packing Quantity

● 500 pcs./Reel

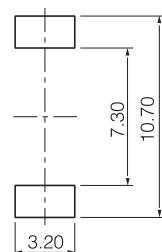
## ■ Explanation of Part Numbers



■ Dimensions in mm (not to scale)



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



## ■ Examples

Part Number	Inductance (100kHz)		DCR (at 20 °C)		* Rated Current (mA max.)		Marking
	( $\mu$ H)	Tol.	(m $\Omega$ )	Tol.	* 1	* 2	
ELLATF1R5N	1.5		5.8		12400	5900	1R5
ELLATF2R5N	2.5		8.4		10100	5200	2R5
ELLATF3R8N	3.8		12.0		7400	4400	3R8
ELLATF4R7N	4.7		14.2		6000	4000	4R7
ELLATF5R6N	5.6		19.1		5700	3700	5R6
ELLATF7R0N	7.0		21.5		5600	3500	7R0
ELLATF100N	10.0		26.0		4600	3200	100
ELLATF150N	15.0		38.7		4100	2700	150
ELLATF220N	22.0		55.6		3300	2300	220
ELLATF330N	33.0		88.0		2700	1800	330
ELLATF470N	47.0		114.0		2200	1600	470
ELLATF680N	68.0		161.0		1800	1300	680
ELLATF101N	100.0	$\pm 20\%$	248.0	$\pm 20\%$	1390	1060	101
ELLATF151N	150.0		367.0		1230	880	151
ELLATF221N	220.0		530.0		1040	740	221

\*1 This indicates the value of current when the inductance is 70 % more than nominal value.

\*2 This indicates the value of current when temperature rising  $\Delta t=45^{\circ}\text{C}$

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

