

SMD Choke Coils

Series: Magnetic shielded type

Type: **ELLATV**



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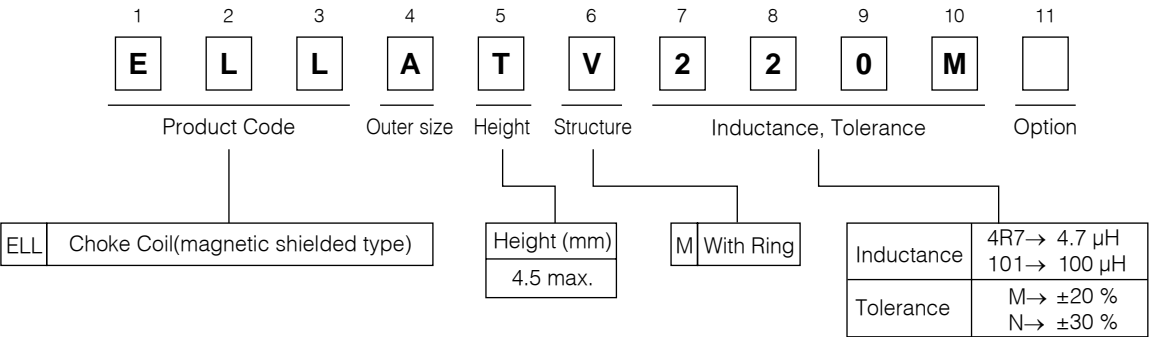
■ Features

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

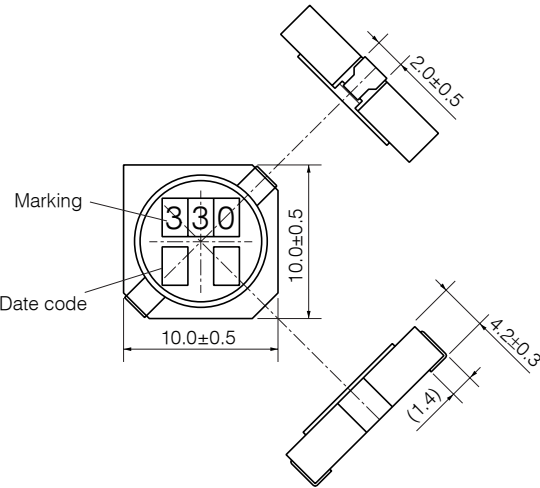
■ Recommended Applications

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

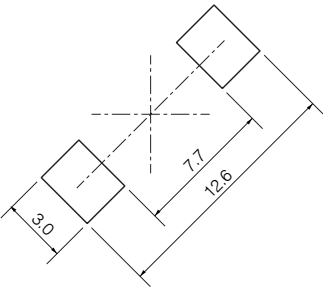
■ Explanation of Part Numbers



■ Dimensions in mm (not to scale)



■ Recommended Land Pattern in mm (not to scale)

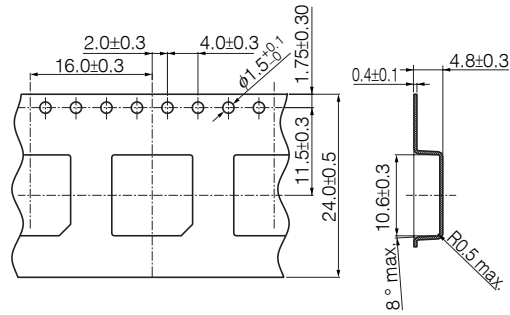


■ Examples

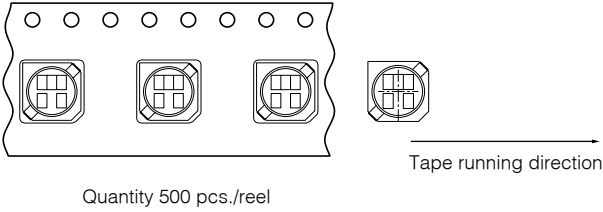
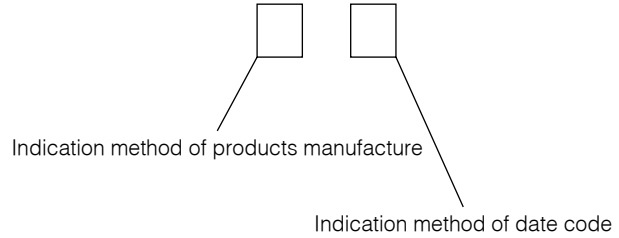
Part No.	Inductance (100 kHz)		DCR (at 20 °C)		*Current (mA) max.	Marking
	(μH)	Tolerance	(mΩ)	Tolerance		
ELLATV1R5N	1.5	±30 %	5.3		6700	1R5
ELLATV2R2N	2.2		6.3		6200	2R2
ELLATV3R3N	3.3		8.8		5350	3R3
ELLATV4R3N	4.3		10		5000	4R3
ELLATV5R1N	5.1		14		4350	5R1
ELLATV6R8N	6.8		16		4000	6R8
ELLATV8R2N	8.2		18		3700	8R2
ELLATV100M	10.0	±20 %	23	±20 %	3300	100
ELLATV120M	12.0		25		2900	120
ELLATV150M	15.0		32		2800	150
ELLATV180M	18.0		38		2500	180
ELLATV220M	22.0		45		2200	220
ELLATV270M	27.0		56		2000	270
ELLATV330M	33.0		62		1800	330
ELLATV390M	39.0		74		1600	390
ELLATV470M	47.0		94		1550	470
ELLATV560M	56.0		100		1350	560
ELLATV680M	68.0		130		1200	680
ELLATV820M	82.0		150		1100	820
ELLATV101M	100.0		180		1000	101
ELLATV121M	120.0		210		940	121
ELLATV151M	150.0		300		850	151
ELLATV181M	180.0		350		770	181
ELLATV221M	220.0		400		700	221
ELLATV271M	270.0		500		630	271
ELLATV331M	330.0		600		550	331
ELLATV391M	390.0		750		520	391
ELLATV471M	470.0		850		480	471
ELLATV561M	560.0		1100		440	561
ELLATV681M	680.0		1250		400	681
ELLATV821M	820.0		1700		360	821
ELLATV102M	1000.0		2000		330	102

\* Current: This indicates the value of current when the inductance is 70 % more than nominal value and temperature rising Δt=45 °C lower at D.C superposition.(at 20 °C)

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



■ Date code



Year	Month											
	1	2	3	4	5	6	7	8	9	10	11	12
Odd year	A	B	C	D	E	F	H	I	J	K	L	M
Even year	N	O	P	R	S	T	U	V	W	X	Y	Z