

Power Inductors / Wire Wound type

Series: **V**
Type: **ELLATV**



■ Features

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

■ Recommended Applications

- DC-DC converter circuitry for computer peripherals and amusement equipment.
- Chopper circuit decoupling chokes for DC-DC converter circuitry.

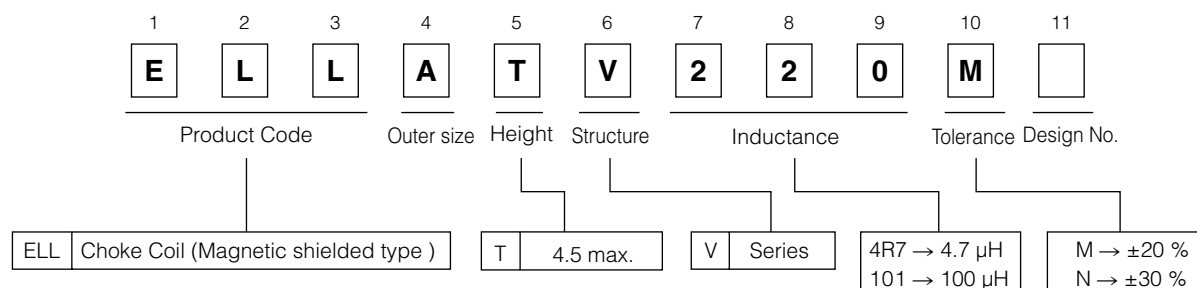
■ Standard Packing Quantity

- 500 pcs./Reel

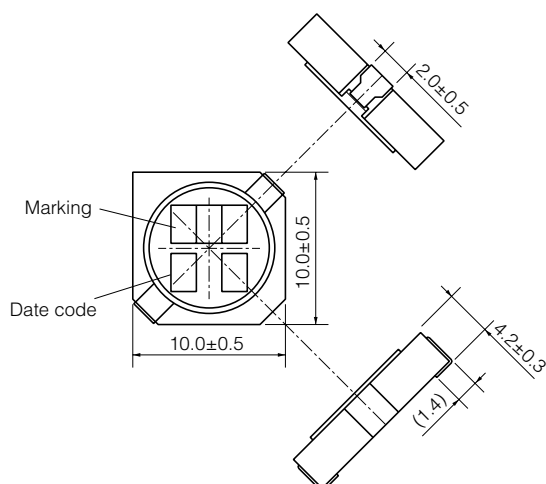
■ Soldering Conditions and Safety Precautions

Please see Data Files

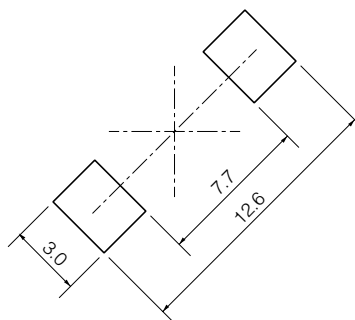
■ Explanation of Part Numbers



■ Dimensions in mm (not to scale)



■ Recommended Land Pattern in mm (not to scale)



Standard Parts

Part No.	Inductance (100 kHz)		R _{DC} (at 20 °C)		* Rated Current (mA) max.	Marking
	(μH)	Tolerance	(mΩ)	Tolerance		
ELLATV1R5N	1.5	±30 %	5.3	±20 %	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		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		190		840	121
ELLATV151M	150.0		250		780	151
ELLATV181M	180.0		320		750	181
ELLATV221M	220.0		360		700	221
ELLATV271M	270.0		460		600	271
ELLATV331M	330.0		550		550	331
ELLATV391M	390.0		690		520	391
ELLATV471M	470.0		780		470	471
ELLATV561M	560.0		820		390	561
ELLATV681M	680.0		1150		370	681
ELLATV821M	820.0		1270		340	821
ELLATV102M	1000.0		1750		320	102

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

Embossed Carrier Tape Dimensions in mm (not to scale)

