

Voltage Step-up Coils

Japan

Series: **Chip**
Type: **5KT**



High power choke coil featuring low profile

ELT5KT

Industrial Property: Patents 3 (pending)

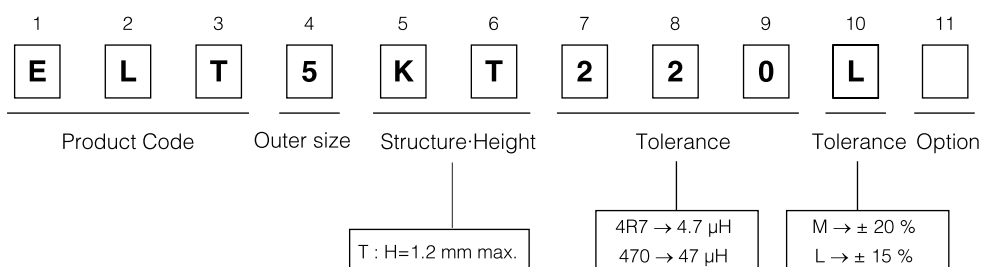
■ Features

- Low profile. H=1.2 mm max.
- High saturation current characteristics
- Available on tape and reel for automatic insertion

■ Recommended Applications

- DC/DC converter circuit for LCD bias
- DC/DC converter circuit for low profile DC/DC equipment

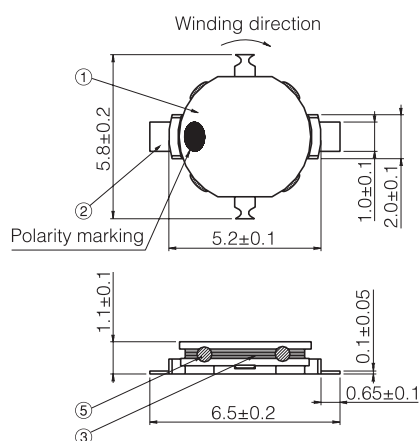
■ Explanation of part Numbers



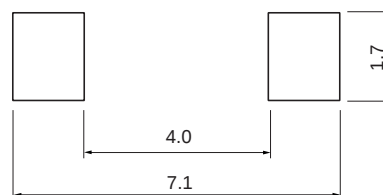
■ Standard Packing Quantity

- 5000 pcs./Reel

■ Dimensions in mm (not to scale)



■ Recommended Land Pattern in mm (not to scale)



NEW

■ Examples

Part No.	Inductance			R.D.C(at 25 °C)		DC Current (at 25 °C) (mA)max.	Maximum DC Current (at 25 °C) (mA)max.
	(μH)	Tolerance(%)	Test Freq.(kHz)	(Ω)	Tolerance(%)		
ELT5KT3R3MB	3.3	± 20	100	0.17	± 20	1000	1250
ELT5KT4R7MB	4.7			0.20		950	1000
ELT5KT6R8MB	6.8			0.30		760	850
ELT5KT100MC	10.0			0.36		680	680
ELT5KT150LB	15.0	± 15		0.58		510	540
ELT5KT220LB	22.0			0.90		420	480
ELT5KT330LB	33.0			1.20		360	380
ELT5KT470LB	47.0			1.70		300	320
ELT5KT680LB	68.0			2.60		260	260
ELT5KT101LB	100.0			4.30		190	210

* DC Current : Current value when the temperature of 40 k max. Ross.Δt=40 °C max.

* Maximum DC Current : Current value when the inductance of -5 % changed (Typical value)