Panasonic

SMD Choke Coils

Series: N Type: ELC6GN

Features

• Low DC resistance and large current capability



Recommended Applications

- DC-DC converter circuitry for computer peripherals and cellular phones.
- Chopper circuit decoupling chokes for DC-DC converter circuitry

Standard Packing Quantity

• 1000 pcs./Reel

Explanation of Part Numbers



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.

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Standard Parts

Part Number	Inductance (100 kHz)		R⊵c (at 20 °C)		*Rated Current	Marking
	(µH)	Tol.	$(m\Omega)$	Tol.	(mA max.)	
ELC6GN1R5N	1.5	±30 %	60	±20 %	2200	1R5
ELC6GN2R2N	2.2		70		1900	2R2
ELC6GN3R3N	3.3		77		1500	3R3
ELC6GN4R7N	4.7		115		1300	4R7
ELC6GN6R8N	6.8		150		1100	6R8
ELC6GN100M	10.0	±20 %	170		1000	100
ELC6GN220M	22.0		350		700	220

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

Embossed Carrier Tape Dimensions in mm (not to scale)

