Panasonic

SMD Choke Coils

Series: N Type: ELC5FN

Features

Type ELC5FN

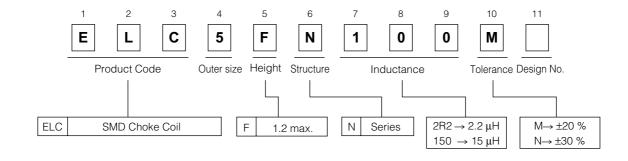
• Low DC resistance and large current capability Shock resistant

Recommended Applications

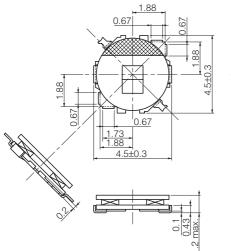
- DC-DC converter circuitry for computer peripherals and cellular phones.
- Chopper circuit decoupling chokes for DC-DC converter circuitry

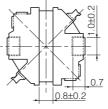
Standard Packing Quantity • 2000 pcs./Reel

Explanation of Part Numbers

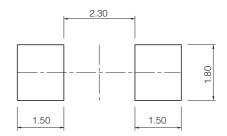


Dimensions in mm (not to scale)





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.

Panasonic

Standard Parts

Part Number	Inductance (100 kHz)		R ^{DC} (at 20 °C)		*Rated Current (mA max.)	Marking
	(µH)	Tol.	$(m\Omega)$	Tol.	(11) (11)	
ELC5FN2R4N	2.4	- ±30 %	87	±20 %	1300	12
ELC5FN4R7N	4.7		150		1100	21
ELC5FN6R8N	6.8		210		860	26
ELC5FN7R5N	7.5		230		840	27
ELC5FN100M	10.0	±20 %	300		690	31
ELC5FN150M	15.0		510		550	33
ELC5FN220M	22.0		670		450	36
ELC5FN470M	47.0		1400		320	51

* 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)

