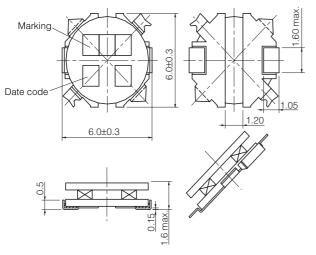
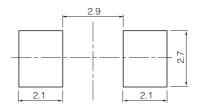
Panasonic

SMD Choke Coils		
Series: N Type: ELC6GN		
 Features Low DC resistance and large current capability RoHS compliant 	Type ELC60	GN
 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 	 Soldering Conditions Safety Precautions 	Please see Page 169 Please see Page 170
Explanation of Part Numbers	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
■ Dimensions in mm (not to scale)	Recommended land pattern	ns in mm (not to scale)





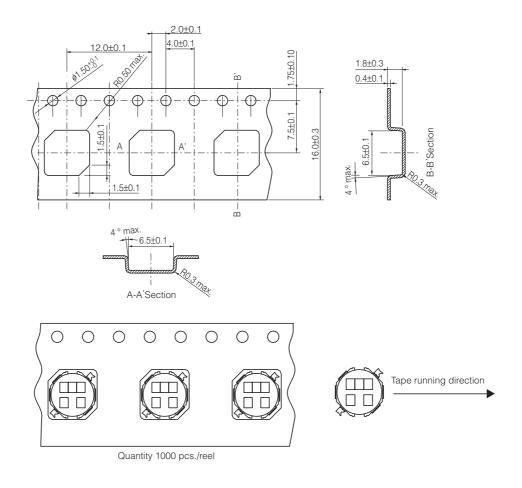
Design and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and/or use. Should a safety concern arise regarding this product, please be sure to contact us immediately.

Standard Parts

Part Number		Inductance (100 kHz)		DC 0 °C)	*Rated Current	Marking
	(µH)	Tol.	$(m\Omega)$	Tol.	(mA max.)	
ELC6GN1R2N	1.2	±30 %	38		2700	1R2
ELC6GN2R2N	2.2		47		2400	2R2
ELC6GN3R3N	3.3		66		2000	3R3
ELC6GN4R7N	4.7		94		1650	4R7
ELC6GN6R8N	6.8		120		1400	6R8
ELC6GN100M	10.0	±20 %	160	±20 %	1200	100
ELC6GN220M	22.0		330		800	220
ELC6GN330M	33.0		470		600	330
ELC6GN470M	47.0		660	-	550	470
ELC6GN560M	56.0		740		500	560
ELC6GN680M	68.0		960		450	680

* 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)



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