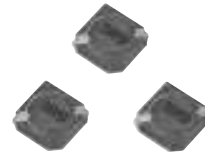


SMD Choke Coils

Singapore

Series: **V**

Type: **ELL6PV**



Type ELL6PV

■ Features

- Thin type (height, 1.8 mm)
- Large current capability
- Low DC resistance

■ Recommended Applications

- Video, Audio, Mobile communications, Electric battery driven equipment
- As a decoupling choke coil in DC/DC converters (S.M.P.S)

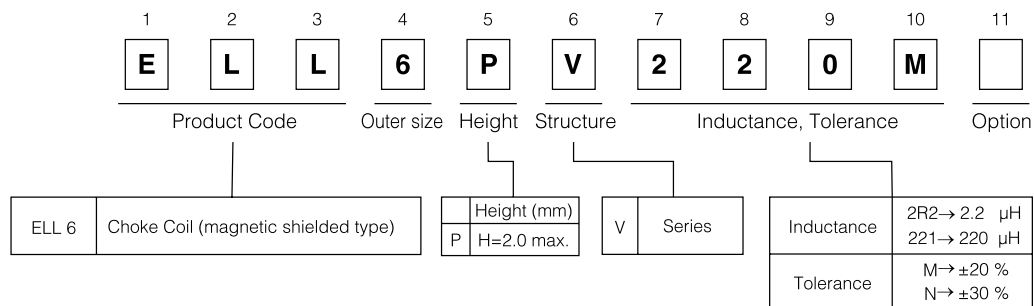
■ Cautionary Notes Regarding Usage in DC/DC converters

- Maximum Dissipation of 1 W.
- Maximum case temperature of 105 °C (Ambient & self-heating temperature)

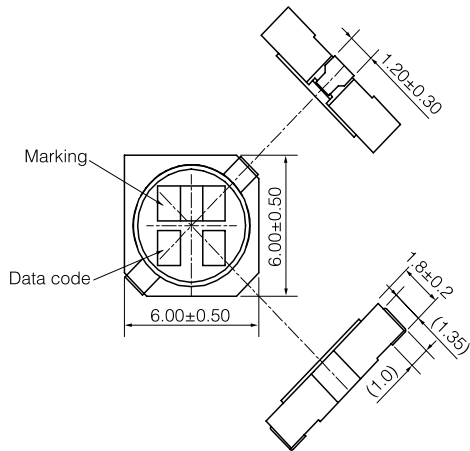
■ Standard Packing Quantity

- 1000 pcs./Reel

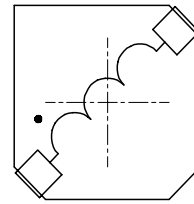
■ Explanation of Part Numbers



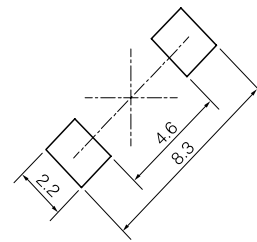
■ Dimensions in mm (not to scale)



■ Connections (Top view)



■ Recommended Land Pattern in mm (not to scale)



■ Standard Parts

Part No.	Inductance (100kHz)		RDC (at 20 °C)		*Current (mA) max.	Marking	
	(μ H)	Tolerance	(m Ω)	Tolerance			
ELL6PV1R0N	1.0	± 30 %	16	± 20 %	3000	1R0	
ELL6PV1R5N	1.5		19				
ELL6PV1R8N	1.8		24				
ELL6PV2R4N	2.4		27				
ELL6PV3R3N	3.3		32				
ELL6PV3R9N	3.9		38				
ELL6PV4R7N	4.7		44				
ELL6PV5R6N	5.6		49				
ELL6PV6R8N	6.8		55				
ELL6PV8R2N	8.2		70				
ELL6PV9R1N	9.1		76				
ELL6PV100M	10.0		± 20 %		85	1000	100
ELL6PV120M	12.0				90	980	120
ELL6PV150M	15.0	120		880	150		
ELL6PV180M	18.0	140		840	180		
ELL6PV220M	22.0	200		700	220		
ELL6PV270M	27.0	220		670	270		
ELL6PV330M	33.0	280		600	330		
ELL6PV390M	39.0	330		550	390		
ELL6PV470M	47.0	370		500	470		
ELL6PV560M	56.0	410		450	560		
ELL6PV680M	68.0	570	420	680			
ELL6PV820M	82.0	650	380	820			
ELL6PV101M	100.0	750	340	101			

* 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)

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.