Panasonic
ideas for life

91 L-values

LxW: 6x6 mm - 12,5x12,5 mm
H: 2,8 mm - 5,7 mm
L: 1,0µH - 1000µH
Idc: 0,18A - 14,2A
Rdc: 2,24mΩ - 3,67Ω

SMD Power Inductors

Design-Kit for Power Conversion Applications

#1

Panasonic
ideas for life

SMD Power Inductors #1

Design-Kit for Power Conversion Applications

ELL6RH2R7M L= 2,7µH (±20%) Idc: 1800mA Rdc: 0,039Ω **6x6x2.8mm**	**ELL6RH3R3M** L= 3,3µH (±20%) Idc: 1600mA Rdc: 0,044Ω **6x6x2.8mm**	**ELL6RH5R1M** L= 5,1µH (±20%) Idc: 1550mA Rdc: 0,056Ω **6x6x2.8mm**	**ELL6RH100M** L= 10µH (±20%) Idc: 1100mA Rdc: 0,095Ω **6x6x2.8mm**	**ELL6RH6R2M** L= 6,2µH (±20%) Idc: 1400mA Rdc: 0,062Ω **6x6x2.8mm**	**ELL6RH8R2M** L= 8,2µH (±20%) Idc: 1200mA Rdc: 0,087Ω **6x6x2.8mm**	**ELL6RH150M** L= 15µH (±20%) Idc: 850mA Rdc: 0,15Ω **6x6x2.8mm**	**ELL6RH220M** L= 22µH (±20%) Idc: 700mA Rdc: 0,22Ω **6x6x2.8mm**
ELL6RH470M L= 47µH (±20%) Idc: 500mA Rdc: 0,48Ω **6x6x2.8mm**	**ELL6RH680M** L= 68µH (±20%) Idc: 400mA Rdc: 0,77Ω **6x6x2.8mm**	**ELL6RH101M** L= 100µH (±20%) Idc: 300mA Rdc: 1,0Ω **6x6x2.8mm**	**ELL6RH151M** L= 150µH (±20%) Idc: 250mA Rdc: 1,8Ω **6x6x2.8mm**	**ELL6SH121M** L= 120µH (±20%) Idc: 370mA Rdc: 0,75Ω **6x6x3.3mm**	**ELL6SH151M** L= 150µH (±20%) Idc: 860mA Rdc: 0,35Ω **6x6x3.3mm**	**ELL6SH181M** L= 180µH (±20%) Idc: 300mA Rdc: 1,3Ω **6x6x3.3mm**	**ELL6RH221M** L= 220µH (±20%) Idc: 200mA Rdc: 2,3Ω **6x6x2.8mm**
ELL6SH1R0M L= 1,0µH (±20%) Idc: 3400mA Rdc: 0,019Ω **6x6x3.3mm**	**ELL6SH1R5M** L= 1,5µH (±20%) Idc: 3200mA Rdc: 0,024Ω **6x6x3.3mm**	**ELL6SH2R7M** L= 2,7µH (±20%) Idc: 2400mA Rdc: 0,031Ω **6x6x3.3mm**	**ELL6SH3R3M** L= 3,3µH (±20%) Idc: 2200mA Rdc: 0,034Ω **6x6x3.3mm**	**ELL6SH4R7M** L= 4,7µH (±20%) Idc: 2000mA Rdc: 0,042Ω **6x6x3.3mm**	**ELL6SH5R6M** L= 5,6µH (±20%) Idc: 1800mA Rdc: 0,049Ω **6x6x3.3mm**	**ELL6SH6R8M** L= 6,8µH (±20%) Idc: 1500mA Rdc: 0,052Ω **6x6x3.3mm**	**ELL6SH100M** L= 10µH (±20%) Idc: 1300mA Rdc: 0,065Ω **6x6x3.3mm**
ELL6SH120M L= 12µH (±20%) Idc: 1200mA Rdc: 0,071Ω **6x6x3.3mm**	**ELL6SH150M** L= 15µH (±20%) Idc: 1100mA Rdc: 0,096Ω **6x6x3.3mm**	**ELL6SH220M** L= 22µH (±20%) Idc: 900mA Rdc: 0,14Ω **6x6x3.3mm**	**ELL6SH270M** L= 27µH (±20%) Idc: 800mA Rdc: 0,16Ω **6x6x3.3mm**	**ELL6SH470M** L= 47µH (±20%) Idc: 600mA Rdc: 0,27Ω **6x6x3.3mm**	**ELL6SH820M** L= 82µH (±20%) Idc: 450mA Rdc: 0,60Ω **6x6x3.3mm**	**ELL6SH101M** L= 100µH (±20%) Idc: 400mA Rdc: 0,68Ω **6x6x3.3mm**	**ELL6SH471M** L= 470µH (±20%) Idc: 200mA Rdc: 2,3Ω **6x6x3.3mm**
ELL6UH100M L= 10µH (±20%) Idc: 1800mA Rdc: 0,063Ω **6x6x5.0mm**	**ELL6UH180M** L= 18µH (±20%) Idc: 1400mA Rdc: 0,088Ω **6x6x5.0mm**	**ELL6UH220M** L= 22µH (±20%) Idc: 1300mA Rdc: 0,098Ω **6x6x5.0mm**	**ELL6UH330M** L= 33µH (±20%) Idc: 1100mA Rdc: 0,13Ω **6x6x5.0mm**	**ELL6UH390M** L= 39µH (±20%) Idc: 1000mA Rdc: 0,15Ω **6x6x5.0mm**	**ELL6UH470M** L= 47µH (±20%) Idc: 900mA Rdc: 0,16Ω **6x6x5.0mm**	**ELL6UH101M** L= 100µH (±20%) Idc: 600mA Rdc: 0,36Ω **6x6x5.0mm**	**ELL6UH151M** L= 150µH (±20%) Idc: 500mA Rdc: 0,68Ω **6x6x5.0mm**
ELL6UH271M L= 270µH (±20%) Idc: 370mA Rdc: 1,2Ω **6x6x5.0mm**	**ELL6UH331M** L= 330µH (±20%) Idc: 330mA Rdc: 1,36Ω **6x6x5.0mm**	**ELL6UH391M** L= 390µH (±20%) Idc: 300mA Rdc: 1,5Ω **6x6x5.0mm**	**ELL6UH471M** L= 470µH (±20%) Idc: 270mA Rdc: 1,68Ω **6x6x5.0mm**	**ELL6UH561M** L= 560µH (±20%) Idc: 260mA Rdc: 2,53Ω **6x6x5.0mm**	**ELL6UH681M** L= 680µH (±20%) Idc: 240mA Rdc: 2,83Ω **6x6x5.0mm**	**ELL6UH821M** L= 820µH (±20%) Idc: 200mA Rdc: 3,14Ω **6x6x5.0mm**	**ELL6UH102M** L= 1000µH (±20%) Idc: 180mA Rdc: 3,67Ω **6x6x5.0mm**

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91 L-values

LxW: 6x6 mm - 12,5x12,5 mm
H: 2,8 mm - 5,7 mm
L: 1,0µH - 1000µH
Idc: 0,18A - 14,2A
Rdc: 2,24mΩ - 3,67Ω

SMD Power Inductors

Design-Kit for Power Conversion Applications

#2

Panasonic
ideas for life

SMD Power Inductors #2

Design-Kit for Power Conversion Applications

ETQP6F1R2HFA L= 1,2µH (±30%) Idc: 14,2A Rdc: 2,24mΩ **12.5x12.5x5.7mm**	**ETQP6F2R0HFA** L= 2,0µH (±30%) Idc: 12,5A Rdc: 3,3mΩ **12.5x12.5x5.7mm**	**ETQP6F3R2HFA** L= 3,2µH (±25%) Idc: 10,8A Rdc: 4,92mΩ **12.5x12.5x5.7mm**	**ETQP6F4R6HFA** L= 4,6µH (±25%) Idc: 9,3A Rdc: 6,48mΩ **12.5x12.5x5.7mm**	**ETQP6F6R4HFA** L= 6,4µH (±25%) Idc: 7,9A Rdc: 8,64mΩ **12.5x12.5x5.7mm**	**ETQP6F8R2HFA** L= 8,2µH (±25%) Idc: 7,2A Rdc: 10,9mΩ **12.5x12.5x5.7mm**	**ETQP6F102HFA** L= 10,2µH (±25%) Idc: 6,5A Rdc: 13,3mΩ **12.5x12.5x5.7mm**	
ELLCTV1R2N L= 1,2µH (±30%) Idc: 6,5A Rdc: 4,6mΩ **12x12x4.5mm**	**ELLCTV4R7N** L= 4,7µH (±30%) Idc: 5,2A Rdc: 9,9mΩ **12x12x4.5mm**	**ELLCTV8R2N** L= 8,2µH (±30%) Idc: 4,4A Rdc: 15mΩ **12x12x4.5mm**	**ELLCTV100M** L= 10µH (±20%) Idc: 3,9A Rdc: 17mΩ **12x12x4.5mm**	**ELLCTV120M** L= 12µH (±20%) Idc: 3,7A Rdc: 22mΩ **12x12x4.5mm**	**ELLCTV180M** L= 18µH (±20%) Idc: 3,0A Rdc: 30mΩ **12x12x4.5mm**	**ELLCTV270M** L= 27µH (±20%) Idc: 2,3A Rdc: 37mΩ **12x12x4.5mm**	**ELLCTV330M** L= 33µH (±20%) Idc: 2,2A Rdc: 50mΩ **12x12x4.5mm**
ELLCTV390M L= 39µH (±20%) Idc: 2,1A Rdc: 61mΩ **12x12x4.5mm**	**ELLCTV470M** L= 47µH (±20%) Idc: 1,9A Rdc: 69mΩ **12x12x4.5mm**	**ELLCTV560M** L= 56µH (±20%) Idc: 1,6A Rdc: 87mΩ **12x12x4.5mm**	**ELLCTV820M** L= 82µH (±20%) Idc: 1,4A Rdc: 0,12Ω **12x12x4.5mm**	**ELLCTV121M** L= 120µH (±20%) Idc: 1,1A Rdc: 0,19Ω **12x12x4.5mm**	**ELLCTV221M** L= 220µH (±20%) Idc: 0,84A Rdc: 0,31Ω **12x12x4.5mm**	**ELLCTV681M** L= 680µH (±20%) Idc: 0,47A Rdc: 1,01Ω **12x12x4.5mm**	**ELLCTV102M** L= 1000µH (±20%) Idc: 0,41A Rdc: 1,5Ω **12x12x4.5mm**
ELLATP5R1NB L= 5,1µH (±30%) Idc: 4,35A Rdc: 0,012Ω **10x10x4.5mm**	**ELLATP6R8NB** L= 6,8µH (±30%) Idc: 4,0A Rdc: 0,015Ω **10x10x4.5mm**	**ELLATP8R2NB** L= 8,2µH (±30%) Idc: 3,7A Rdc: 0,018Ω **10x10x4.5mm**	**ELLATP100MB** L= 10µH (±20%) Idc: 3,3A Rdc: 0,022Ω **10x10x4.5mm**	**ELLATP120MB** L= 12µH (±20%) Idc: 2,9A Rdc: 0,012Ω **10x10x4.5mm**	**ELLATP150MB** L= 15µH (±20%) Idc: 2,7A Rdc: 0,029Ω **10x10x4.5mm**	**ELLATP220MB** L= 22µH (±20%) Idc: 2,2A Rdc: 0,038Ω **10x10x4.5mm**	**ELLATP270MB** L= 27µH (±20%) Idc: 1,9A Rdc: 0,047Ω **10x10x4.5mm**	**ELLATP330MB** L= 33µH (±20%) Idc: 1,8A Rdc: 0,059Ω **10x10x4.5mm**
ELLATP390MB L= 39µH (±20%) Idc: 1,6A Rdc: 0,066Ω **10x10x4.5mm**	**ELLATP470MB** L= 47µH (±20%) Idc: 1,5A Rdc: 0,08Ω **10x10x4.5mm**	**ELLATP101MB** L= 100µH (±20%) Idc: 1,0A Rdc: 0,18Ω **10x10x4.5mm**	**ELLATP121MB** L= 120µH (±20%) Idc: 0,9A Rdc: 0,2Ω **10x10x4.5mm**	**ELLATP181MB** L= 180µH (±20%) Idc: 0,75A Rdc: 0,32Ω **10x10x4.5mm**	**ELLATP221MB** L= 220µH (±20%) Idc: 0,7A Rdc: 0,36Ω **10x10x4.5mm**	**ELLATP331MB** L= 330µH (±20%) Idc: 0,55A Rdc: 0,55Ω **10x10x4.5mm**	**ELLATP102MB** L= 1000µH (±20%) Idc: 0,31A Rdc: 1,7Ω **10x10x4.5mm**
ELL8TP220MB L= 22µH (±20%) Idc: 2,2A Rdc: 0,055Ω **8x8x4.7mm**	**ELL8TP470MB** L= 47µH (±20%) Idc: 1,4A Rdc: 0,1Ω **8x8x4.7mm**	**ELL8TP102MB** L= 1000µH (±20%) Idc: 0,25A Rdc: 2,1Ω **8x8x4.7mm**					