

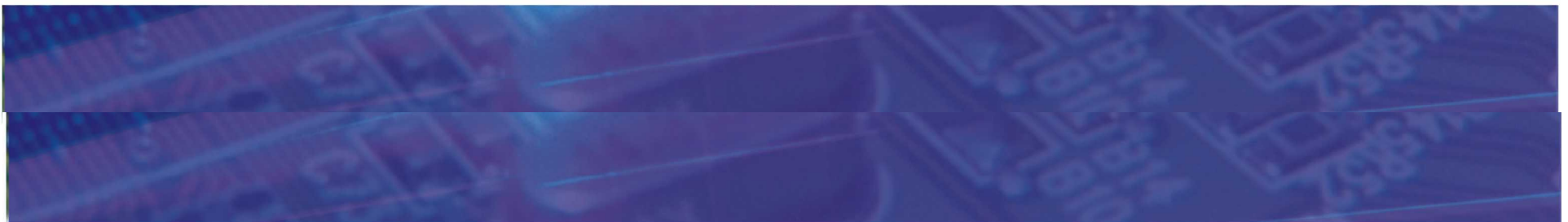
**Panasonic**  
ideas for life

**50 L-values**

LxW: 3x3 mm - 6x6 mm  
H: 1,0 mm - 2,0 mm  
L: 0,8 $\mu$ H - 100 $\mu$ H  
I<sub>dc</sub>: 0,28A - 3,8A  
R<sub>dc</sub>: 0,022 $\Omega$  - 1,33 $\Omega$

# SMD Power Inductors

**Design-Kit for Portable Device Applications**



# Panasonic

ideas for life

## SMD Power Inductors

### Design-Kit for Portable Device Applications

<b>ELLVEG1R0N</b> L= 1,0μH (±30%) Idc: 1900mA Rdc: 0,061Ω <b>3x3x1.0mm</b>	<b>ELLVEG2R2N</b> L= 2,2μH (±30%) Idc: 1100mA Rdc: 0,11Ω <b>3x3x1.0mm</b>	<b>ELLVEG3R3N</b> L= 3,3μH (±30%) Idc: 1000mA Rdc: 0,21Ω <b>3x3x1.0mm</b>	<b>ELLVEG4R7N</b> L= 4,7μH (±30%) Idc: 750mA Rdc: 0,24Ω <b>3x3x1.0mm</b>	<b>ELLVEG6R8N</b> L= 6,8μH (±30%) Idc: 580mA Rdc: 0,35Ω <b>3x3x1.0mm</b>	<b>ELLVEG100M</b> L= 10μH (±20%) Idc: 520mA Rdc: 0,48Ω <b>3x3x1.0mm</b>	<b>ELLVEG150M</b> L= 15μH (±20%) Idc: 430mA Rdc: 0,71Ω <b>3x3x1.0mm</b>	<b>ELLVEG220M</b> L= 22μH (±20%) Idc: 330mA Rdc: 1,2Ω <b>3x3x1.0mm</b>	
<b>ELLVGG1R0N</b> L= 1,0μH (±30%) Idc: 2200mA Rdc: 0,052Ω <b>3x3x1.5mm</b>	<b>ELLVGG2R2N</b> L= 2,2μH (±30%) Idc: 1600mA Rdc: 0,092Ω <b>3x3x1.5mm</b>	<b>ELLVGG3R3N</b> L= 3,3μH (±30%) Idc: 1350mA Rdc: 0,13Ω <b>3x3x1.5mm</b>	<b>ELLVGG4R7N</b> L= 4,7μH (±30%) Idc: 1200mA Rdc: 0,17Ω <b>3x3x1.5mm</b>	<b>ELLVGG6R8N</b> L= 6,8μH (±30%) Idc: 1000mA Rdc: 0,23Ω <b>3x3x1.5mm</b>	<b>ELLVGG100M</b> L= 10μH (±20%) Idc: 800mA Rdc: 0,28Ω <b>3x3x1.5mm</b>	<b>ELLVGG220M</b> L= 22μH (±20%) Idc: 500mA Rdc: 0,8Ω <b>3x3x1.5mm</b>	<b>ELLVGG330M</b> L= 33μH (±20%) Idc: 450mA Rdc: 1,33Ω <b>3x3x1.5mm</b>	<b>ELL4GG470M</b> L= 47μH (±20%) Idc: 600mA Rdc: 0,64Ω <b>3.8x3.8x1.4mm</b>
<b>ELL4LG2R2NA</b> L= 2,2μH (±30%) Idc: 1500mA Rdc: 0,055Ω <b>3.8x3.8x1.8mm</b>	<b>ELL4LG3R3NA</b> L= 3,3μH (±30%) Idc: 1300mA Rdc: 0,072Ω <b>3.8x3.8x1.8mm</b>	<b>ELL4LG4R7NA</b> L= 4,7μH (±30%) Idc: 1100mA Rdc: 0,09Ω <b>3.8x3.8x1.8mm</b>	<b>ELL4FG6R8NA</b> L= 1,0μH (±30%) Idc: 1900mA Rdc: 0,045Ω <b>3.8x3.8x1.2mm</b>	<b>ELL4GG100M</b> L= 10μH (±20%) Idc: 900mA Rdc: 0,25Ω <b>3.8x3.8x1.4mm</b>	<b>ELL4GG150M</b> L= 15μH (±20%) Idc: 700mA Rdc: 0,5Ω <b>3.8x3.8x1.4mm</b>	<b>ELL4GG220M</b> L= 22μH (±20%) Idc: 600mA Rdc: 0,64Ω <b>3.8x3.8x1.4mm</b>	<b>ELL4FG330MA</b> L= 33μH (±20%) Idc: 360mA Rdc: 1,06Ω <b>3.8x3.8x1.2mm</b>	<b>ELL4GG101M</b> L= 100μH (±20%) Idc: 290mA Rdc: 2,4Ω <b>3.8x3.8x1.4mm</b>
<b>ELL5PS1R2N</b> L= 1,2μH (±30%) Idc: 2500mA Rdc: 0,022Ω <b>5x5x2.0mm</b>	<b>ELL5PS2R2N</b> L= 2,2μH (±30%) Idc: 2100mA Rdc: 0,034Ω <b>5x5x2.0mm</b>	<b>ELL5PS3R3N</b> L= 3,3μH (±30%) Idc: 1900mA Rdc: 0,046Ω <b>5x5x2.0mm</b>	<b>ELL5PS4R7N</b> L= 4,7μH (±30%) Idc: 1500mA Rdc: 0,061Ω <b>5x5x2.0mm</b>	<b>ELL5PS100M</b> L= 10μH (±20%) Idc: 1000mA Rdc: 0,12Ω <b>5x5x2.0mm</b>	<b>ELL5PS150M</b> L= 15μH (±20%) Idc: 790mA Rdc: 0,17Ω <b>5x5x2.0mm</b>	<b>ELL5PS220M</b> L= 22μH (±20%) Idc: 650mA Rdc: 0,29Ω <b>5x5x2.0mm</b>	<b>ELL5PS330M</b> L= 33μH (±20%) Idc: 490mA Rdc: 0,47Ω <b>5x5x2.0mm</b>	<b>ELL5PS470M</b> L= 47μH (±20%) Idc: 450mA Rdc: 0,62Ω <b>5x5x2.0mm</b>
<b>ELL6PGR08N</b> L= 0,8μH (±30%) Idc: 3800mA Rdc: 0,024Ω <b>6x6x2.0mm</b>	<b>ELL6GG1R0N</b> L= 1,0μH (±30%) Idc: 2500mA Rdc: 0,027Ω <b>6x6x1.6mm</b>	<b>ELL6GG1R5N</b> L= 1,5μH (±30%) Idc: 2300mA Rdc: 0,036Ω <b>6x6x1.6mm</b>	<b>ELL6PG2R2N</b> L= 2,2μH (±30%) Idc: 2200mA Rdc: 0,037Ω <b>6x6x2.0mm</b>	<b>ELL6GG2R7M</b> L= 2,7μH (±20%) Idc: 1850mA Rdc: 0,054Ω <b>6x6x1.6mm</b>	<b>ELL6PG3R3N</b> L= 3,3μH (±30%) Idc: 1700mA Rdc: 0,044Ω <b>6x6x2.0mm</b>	<b>ELL5PS101M</b> L= 100μH (±20%) Idc: 300mA Rdc: 1,32Ω <b>5x5x2.0mm</b>		
<b>ELL6PG4R7N</b> L= 4,7μH (±30%) Idc: 1500mA Rdc: 0,058Ω	<b>ELL6PG6R8N</b> L= 6,8μH (±30%) Idc: 1400mA Rdc: 0,07Ω	<b>ELL6PG100M</b> L= 10μH (±20%) Idc: 1300mA Rdc: 0,11Ω	<b>ELL6PG150M</b> L= 15μH (±20%) Idc: 1000mA Rdc: 0,15Ω	<b>ELL6PG220M</b> L= 22μH (±20%) Idc: 800mA Rdc: 0,23Ω	<b>ELL6GG330M</b> L= 33μH (±20%) Idc: 490mA Rdc: 0,51Ω	<b>ELL6PG470M</b> L= 47μH (±20%) Idc: 550mA Rdc: 0,47Ω	<b>ELL6PG101M</b> L= 100μH (±20%) Idc: 380mA Rdc: 1,0Ω	