

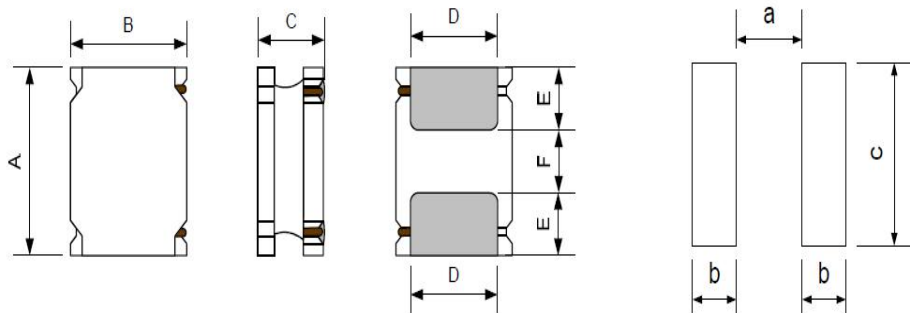
谱罗德电子科技（深圳）有限公司  
SIMPLE AND BETTER SOLUTIONS

VER: 2.2  
DATE: 2019.5.7

产品类别：贴片功率电感

产品系列：PSPNAQ4030

产品封装：[Unit: mm] Standard Packing Quantity: 2000 pcs/reel



A	4.0±0.2
B	4.0±0.2
C	3.0Max
D	3.3±0.2
E	0.95±0.2
F	2.1±0.2
a	1.9
b	1.1
c	3.7

电气特性：

RoHS  
COMPLIANT

P/N	感值 ( $\mu\text{H}$ )	精度 ( $\pm\%$ )	DCR ( $\Omega$ )	Isat (A)	Irms (A)
			$\pm 30\%$	Max	Max
PSPNAQ4030-R68N	0.68	30	0.010	6.80	4.56
PSPNAQ4030-1R0N	1.00	30	0.014	5.26	4.15
PSPNAQ4030-1R5M	1.50	20	0.020	5.14	3.34
PSPNAQ4030-2R2M	2.20	20	0.030	4.90	2.95
PSPNAQ4030-3R3M	3.30	20	0.040	3.30	2.40
PSPNAQ4030-4R7M	4.70	20	0.060	2.90	2.00
PSPNAQ4030-5R6M	5.60	20	0.065	2.60	1.95
PSPNAQ4030-6R8M	6.80	20	0.090	2.75	1.60
PSPNAQ4030-100M	10.00	20	0.100	1.95	1.50
PSPNAQ4030-120M	12.00	20	0.135	1.70	1.30
PSPNAQ4030-150M	15.00	20	0.190	1.65	1.11
PSPNAQ4030-180M	18.00	20	0.200	1.40	1.10
PSPNAQ4030-220M	22.00	20	0.225	1.30	1.00
PSPNAQ4030-330M	33.00	20	0.330	1.10	0.84
PSPNAQ4030-470M	47.00	20	0.445	0.95	0.72
PSPNAQ4030-560M	56.00	20	0.555	0.85	0.65
PSPNAQ4030-680M	68.00	20	0.868	0.72	0.52
PSPNAQ4030-750M	75.00	20	1.020	0.70	0.48
PSPNAQ4030-820M	82.00	20	1.060	0.66	0.47
PSPNAQ4030-101M	100.00	20	1.150	0.60	0.45
PSPNAQ4030-121M	120.00	20	1.350	0.55	0.42
PSPNAQ4030-151M	150.00	20	1.800	0.50	0.30
PSPNAQ4030-471M	470.00	20	7.200	0.30	0.20
PSPNAQ4030-681M	680.00	20	7.580	0.19	0.14

备注：

- ◎ 测试频率：100KHz/1V
- ◎ 测试数据基于环境温度20℃取得
- ◎ 加载温升电流 (Irms) 会使电感温度大约上升40℃ (上升温度+初始温度=电感最终承受温度)
- ◎ 加载饱和电流 (Isat) 会使电感量下降大约30%
- ◎ 电感工作环境温度：-40℃~125℃，产品最终承受温度不得高于125℃
- ◎ 如需参考产品开发测试数据，请向我司索取单颗感值规格书



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