

常规尺寸替代SL4330C-R30LHF 大批量现货好东方 服务器主板电感

产品名称	常规尺寸替代SL4330C-R30LHF 大批量现货好东方 服务器主板电感
公司名称	深圳市好东方新能源环保有限公司
价格	1.88/pcs
规格参数	品牌:H-EAST 型号:SL4330C-R30L 产地:深圳
公司地址	深圳市宝安区沙井街道新和路衙边第三工业区
联系电话	18319053074 18319053074

产品详情

SL4130 Series

RoHS

泻CoMPLIANT COMPLIANT 1. Features:

Ferrite based SMD Inductor with lower core loss.

Inductance Range:120nH to 300nH. Custom values are welcomed. High current output chokes, upto 94 Amp with approx.20% roll off. Low Profile 7.5mm Max. height . - Foot Print 10.41 x 8.0 mm Max.

Ideal for Buck Converter,VRM & High Density Board Design. - Operating frequency up to 1 MHz application.

- Operating Temperature Range-55 ° C to+130 ° C,RoHs & HF compliance. .T& R Qtys: 750 pcs, 13"Reel;

3.M

2.Electrical Characteristic of SL4130 Series:

Part Number

Inductance (uH) \pm 10% or 15%

DCR (m R) \pm 5.0%

Isat'(A)@25

IIsat (A)@45

Isat(A)@100

Irms (A)@25

SL4130A-R12KHF

0.120,10%

0.29

94.0

90.0

76.0

61.0

SL4130B-R12KHF

0.27

63.0

SL4130A-R15KHF

0.150,10%

80.0

67.0

SL4130B-R15KHF

SL4130AH-R15KHF

78.0

77.0

73.0

SL4130BH-R15KHF

SL4130A-R17KHF

0.170,10%

72.0

69.0

60.0

SL4130B-R17KHF

SL4130A-R175KHF

0.175,10%

68.0

65.0

56.0

SL4130B-R175KHF

SL4130A-R20KHF

0.200,10%

62.0

59.0

52.0

SL4130B-R20KHF

SL4130A-R21LHF

0.215,15%

55.0

50.0

ISL4130B-R21LHF

SL4130A-R23LHF

0.230,15%

54.0

42.0

ISL4130B-R23LHF

ISL4130A-R26KHF

0.260,10%

47.0

45.0

38.0

ISL4130B-R26KHF

ISL4130A-R27LHF

0.270,15%

39.0

35.0

SL4130B-R27LHF

SL4130A-R30LHF

0.300,15%

32.0

SL4130B-R30LHF

A Ma 8.0

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a

Note:

Electrical Characteristic of SL4330 Series: Notes: 1. Open Circuit Inductance (OCL) test condition:100KHz,0.1Vrms,0Adc ,at 25 . 2. Full Load Inductance (FLL) Test condition:100KHz,0.1Vrms , Isat ;(Ta=25). 3. Isat1,Isat2, Isat3& Isat4: DC current that will cause inductance to drops approximately by 20% ; 4. Irms : DC current for an approximate temperature rise of 40 without core loss ,Derating is necessary for AC currents. PCB pad layout , trace thickness and width , air-flow and proximity of other heat generating components will affect the temperature rise. It is recommended the part temperature not exceed 130 under worst case operating conditions verified in the end application. 5. The nominal DCR is measured from point "a" to point "b " , as shown above on the mechanical drawing. 3. Mechanical Dimension(Unit : mm): Part Number Inductance DCR Isat1 Isat2 Isat3 Isat4 Irms (uH) (m) (A) (A) (A) (A) (A) 10% or 15% ± 5.0% @25 @45 @100 @125 @25 SL4330A-R15KHF 0.15 , 10% 0.245 72.00 65.00 61.00 58.00 59.00 SL4330A-R18KHF 0.18 , 10% 0.245 63.00 61.00 54.00 50.00 59.00 SL4330A-R21KHF 0.21 ,10% 0.245 51.00 48.00 44.00 37.00 59.00 SL4330A-R23KHF 0.23 ,10% 0.245 50.00 47.00 43.00 36.00 59.00 SL4330A-R30KHF 0.30 , 10% 0.245 36.00 34.00 29.00 28.00 59.00 SL4330A-R30LHF 0.30 , 15% 0.245 36.00 34.00 29.00 28.00 59.00 SL4330A-R40LHF 0.40 , 15% 0.245 26.00 25.00 23.00 20.00 59.00 SL4330A-R51LHF 0.51 , 15% 0.245 19.00 18.00 17.00 16.00 59.00 SL4330A-R51KHF 0.51 , 10% 0.245 19.00 18.00 17.00 16.00 59.00 SL4330B-R15KHF 0.15 , 10% 0.290 72.00 65.00 61.00

58.00 55.00 SL4330B-R18KHF 0.18 , 10% 0.290 63.00 61.00 54.00 50.00 55.00 SL4330B-R21KHF 0.21 ,10%
0.290 51.00 48.00 44.00 37.00 55.00 SL4330B-R23KHF 0.23 ,10% 0.290 50.00 47.00 43.00 36.00 55.00 SL4330B-
R30KHF 0.30 , 10% 0.290 36.00 34.00 29.00 28.00 55.00 SL4330B-R30LHF 0.30 , 15% 0.290 36.00 34.00 29.00 28.00
55.00 SL4330B-R40LHF 0.40 , 15% 0.290 26.00 25.00 23.00 20.00 55.00 SL4330B-R51LHF 0.51 , 15% 0.290 19.00
18.00 17.00 16.00 55.00 SL4330B-R51KHF 0.51 , 10% 0.290 19.00 18.00 17.00 16.00 55.00

深圳市好东方新能源环保有限公司（以下简称H-East）成立于2014年10月，是一家主要从事两片式大功率电感，一体成型电感（碳基粉末，合金粉末），扁平线电感，共模电感，插件电感，PD平板变压器研发、生产、销售为一体的高新技术企业、主要产品包括CPU/GPU应用组合式大功率电感器、DC/DC扁平线组合式大功率电感器、EMI共模电感器、一体成型合金电感器、一体成型炭基电感器、方型插件电感器、方型组合贴片电感器、普通功率电感器及磁环绕线电感器、无线充电线圈组件、天线、电子变压器等电子元件。好东方的产品***应用于显卡、服务器、矿机、工控板、主板及笔记本、通讯、消费类电子、计算机、LED照明、安防、智能电网、医疗设备以及汽车电子等领域好东方（H-EAST）是国内Power Bead电感研发生产的重点厂商之一，以及给前几大台资电感厂代工power Bead电感，同时显卡，矿卡，主板基站服务器建设厂商、服务器厂商采购此类电感时，主要考虑其通流与转换效率及高频大功率作用。从生产工艺上，好东方Power Bead电感从磁芯装配、铜端子装配、点胶、盖板、烘烤、检测和包装等全流程，均采用自动化及治具半自动生产工序，产品品质稳定。据悉，目前好东方已有十多条Power Bead电感自动化生产线，前后投入设备五十多台，月产能达10kk，产品已应用于海内外多家服务器厂商已有多系列的Power Bead电感产品可供下游需求厂商选型，厂商可根据设计模组给电感的预留空间大小、所需电感量等不同指标，选择合适的服务器电感型号其系列Power Bead电感尺寸0404 04到150705，拥有超低直流电阻（0.12DCR,0.15DCR,0.18DCR,0.29DCR,0.32DCR）、大电流、高饱和和产品特性，电感量范围0.047uH--0.80uH(47NL,70NL,R10,R12,R15.....)电流可达120A，工作温度可达155。还可提供2相或多相的交错并联耦合电感设计方案，架空结构方案，为客户提供定制设计方案。

我公司主要经营组合式大功率服务器主板电感，一体成型贴片电感，车规共模EMI电感，电感器、一体成型电感、组合式电感大功率、两片式服务器电感