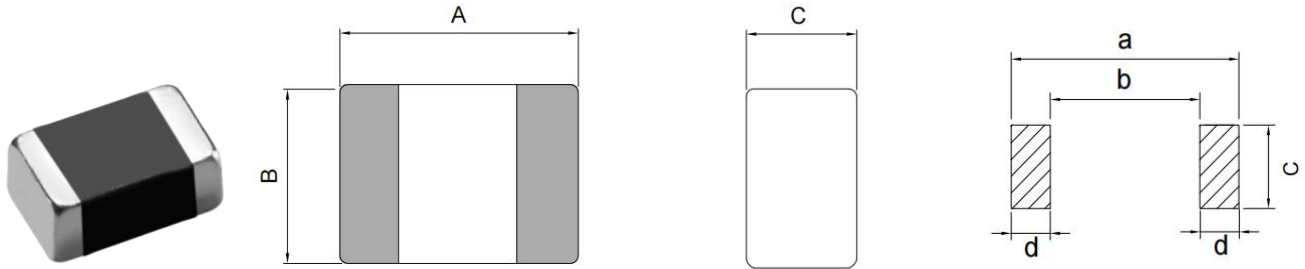


Multilayer Chip Inductors

结构及外形尺寸 Dimensions of structure and shape



Part Number	Dimensions	Dimensions	Dimensions	Land Patterns		
	长 A (mm)	宽 B(mm)	高 C(mm)	推荐焊盘尺寸		
	A (mm)	B(mm)	C(mm)	a(mm)	b(mm)	c(mm)
GCMP2012N	2.00±0.20	1.25±0.20	0.90±0.10	4.00	1.00	1.10
GCMP2016N	2.00±0.20	1.60±0.20	0.90±0.10	4.00	1.20	1.50
GCMP2520N	2.50±0.20	2.00±0.20	0.90±0.10	4.00	1.20	2.00

特点 Features

- 此系列产品具有小尺寸，薄型化及高电流的特征
- This series is small, low height, and high efficiency
- 有较低的直流电阻
- Stable low DC resistance.
- 经由完整的磁性回路，电感间无交互耦合现象，适合高密度的印刷电路板
- No cross coupling between inductors due to the complete magnetic shield, which is suitable for high dense printed circuit boards.

应用 Applications

- 电源模块
- Power modules
- DC-DC转换器
- DC to DC Converters
- 移动电话
- Cellular phone

电感特性范围 Inductance and rated current ranges

GCMP2012N	1.0~4.7uH	100~230mΩ	1.10~0.70A
GCMP2016N	2.2~4.7uH	120~160mΩ	1.10~0.90A
GCMP2520N	0.47~4.7uH	40~110mΩ	1.80~1.10A

包装数量 Packaging Quantity

GCMP2012N	3000PCS/R
GCMP2016N	3000PCS/R
GCMP2520N	3000PCS/R

★ 产品可以按客户要求定制

Products can be customized according to customer requirements

本产品符合车载信赖性标准AEC-Q200

This product Complied with automotive reliability test standard AEC-Q200



GCMP Series (MULTILAYER)

■ ELECTRICAL SPECIFICATION

GCMP2012N Series (Quantity: 3000PCS)/GCMP2012N 系列 (数量: 3000PCS)

Part Number	Marking	Inductance (μ H)	DCR (m Ω) \pm 25%	Test Freq. (Hz/v)	SRF (MHz)	Rated DC Current(mA)
GCMP2012N-1R0M01	-	1.00	100	1MHz/0.1v	90	1100
GCMP2012N-2R2M01	-	2.20	170	1MHz/0.1v	70	900
GCMP2012N-3R3M01	-	3.30	200	1MHz/0.1v	50	800
GCMP2012N-4R7M01	-	4.70	230	1MHz/0.1v	40	700

GCMP2016N Series (Quantity: 3000PCS)/GCMP2016N 系列 (数量: 3000PCS)

Part Number	Marking	Inductance (μ H)	DCR (m Ω) \pm 25%	Test Freq. (Hz/v)	SRF (MHz)	Rated DC Current(mA)
GCMP2016N-2R2M01	-	2.20	120	1MHz/0.1v	40	1100
GCMP2016N-4R7M01	-	4.70	160	1MHz/0.1v	20	900

GCMP2520N Series (Quantity: 3000PCS)/GCMP2520N 系列 (数量: 3000PCS)

Part Number	Marking	Inductance (μ H)	DCR (m Ω) \pm 25%	Test Freq. (Hz/v)	SRF (MHz)	Rated DC Current(mA)
GCMP2520N-R47M01	-	0.47	40	1MHz/0.1v	100	1800
GCMP2520N-1R0M01	-	1.00	55	1MHz/0.1v	60	1600
GCMP2520N-1R5M01	-	1.50	70	1MHz/0.1v	50	1500
GCMP2520N-2R2M01	-	2.20	80	1MHz/0.1v	40	1300
GCMP2520N-3R3M01	-	3.30	100	1MHz/0.1v	30	1200
GCMP2520N-4R7M01	-	4.70	110	1MHz/0.1v	25	1100