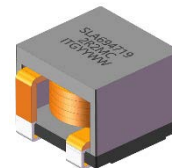


1. Features of SLA694719C Series :

- Ferrite based SMD inductor with lower core loss.
- Inductance Range: 2.2uH to 3.2uH, Custom values are welcomed.
- High current output chokes, up to 42.0 Amp with approx. 20% roll off.
- Low Profile 13.50 mm Max. height .
- Foot Print 19.00 x 17.10 mm .
- Ideal for Buck Converter, VRM & High Density Board Design.
- Operating frequency up to 5.0 MHz application.
- Operating Temperature Range -55 °C to + 130 °C, RoHs & HF compliance .
- T & R Qty: 150 pcs , 13" Reel .

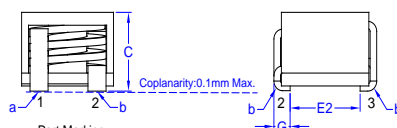
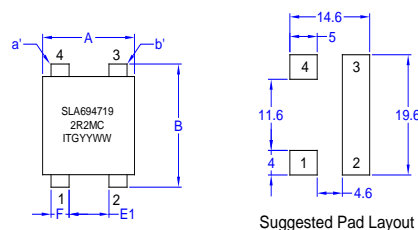


2. Electrical Characteristic of SLA694719C Series:

ITG Part Number	OCL(1-2 & 3-4) ¹ (uH) ± 20%	Lk(Pin1-2) ² Pin3,4 Shorted (nH) Max. @25°C	DCR ³ (mΩ) ± 10%	Irms ⁴ (A) @25°C
SLA694719C-2R2M	2.20	60.00	0.65	42.00
SLA694719C-2R4M	2.40	60.00	0.65	42.00
SLA694719C-2R7M	2.70	60.00	0.65	42.00
SLA694719C-3R2M	3.20	60.00	0.65	42.00

3. Mechanical Dimension(Unit : mm):

A	B	C	E1	E2	F	G
Max.	Max.	Max.	± 0.50	± 0.50	± 0.25	± 0.40
17.10	19.00	13.50	7.10	12.50	3.30	3.00



Part Marking:
SLA694719: SLA694719 is part size,
2R2MC: 2R2 is inductance value in uH(R:decimal point),
M is tolerance,C is special code. .
ITGYWW: ITG logo ,YYWW : date code.



Notes:

1. Open Circuit Inductance (OCL) test condition:200KHz,0.1Vrms,0Adc ,at 25 °C.
2. L @ Isat and L @ Irms Test condition:200KHz,0.1Vrms (Ta=25 °C).
3. The nominal DCR is measured from point "a" to point "b" and point "a' " to point "b' ",as shown above on the mechanical drawing (Ta=25°C).
4. Irms: DC current for an approximate temperature rise of 40°C 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 °C under worst case operating conditions verified in the end application.
5. Hi-Pot Test: Coil to Core: 200Vac, 3mA,60s ,50Hz/60Hz (Qualifications test)
Coil to Core: 200Vac, 3mA,1s ,50Hz/60Hz (Production test)

● New York 1 914 347 2474 ● Taipei 886 2 2698 8669 ● Kaohsiung 886 7 350 2275

● Japan 81 568 85 2830 ● Shenzhen 86 755 8418 6263 ● Shanghai 86 21 5424 5141 ● Hong Kong 852 9688 9767

● sales@ITG-Electronics.com ● www.ITG-Electronics.com Revision B.0: December 29, 2023

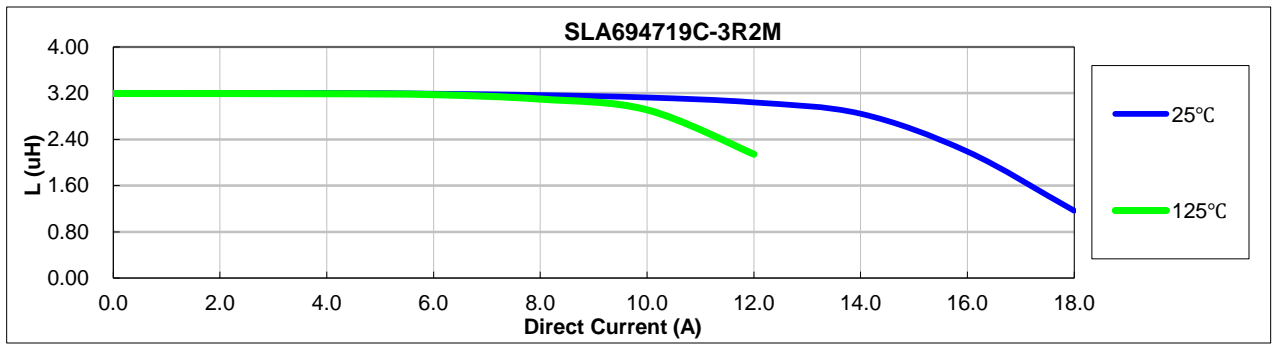
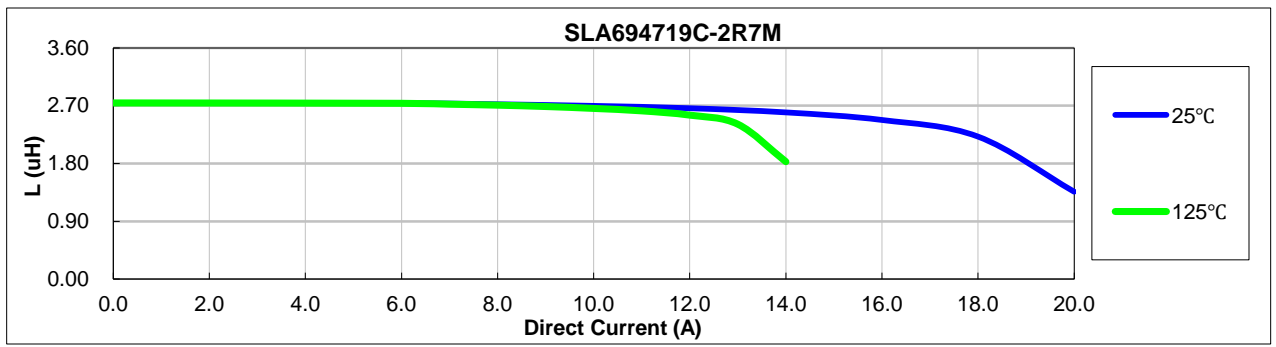
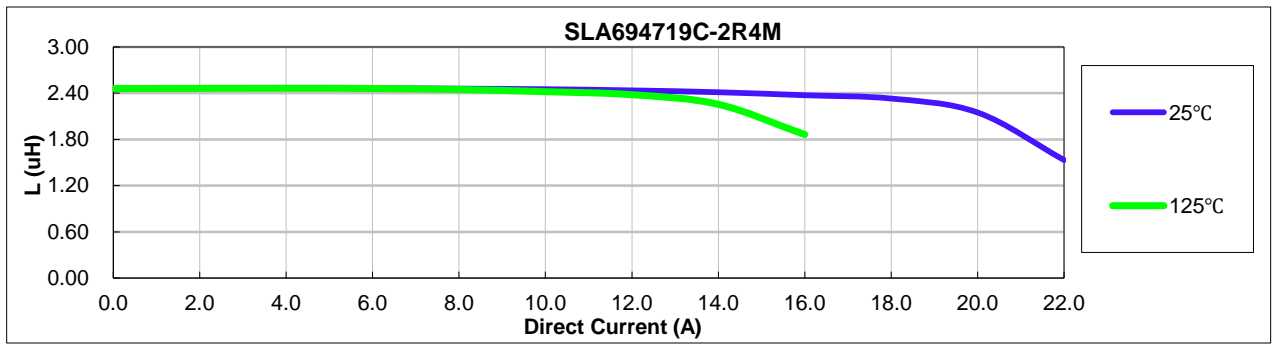
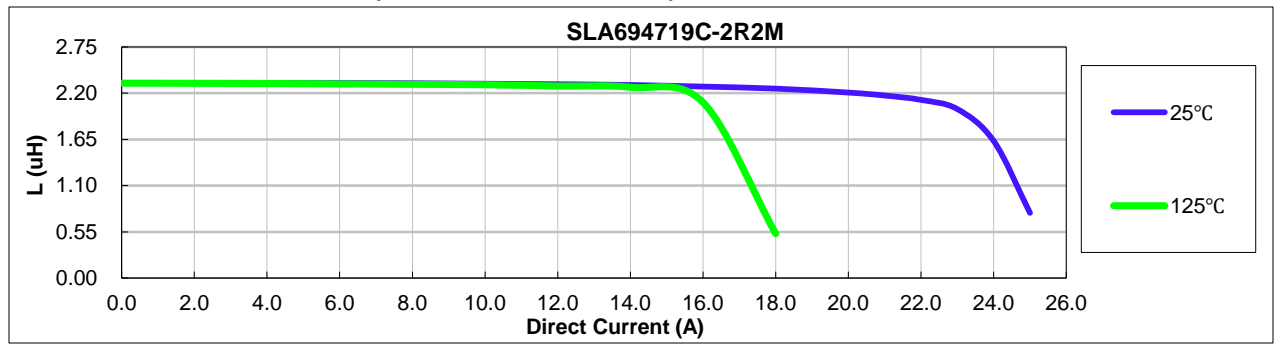


Halogen Free

SLA694719C Series



4. Inductance Characteristics (Inductance vs. Current):



● New York 1 914 347 2474 ● Taipei 886 2 2698 8669 ● Kaohsiung 886 7 350 2275
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*Due to continuous product improvement, all specifications are subject to change without prior notice. Kindly contact an ITG field application engineer or a sales representative prior to purchase.