



SPECIFICATION FOR APPROVAL

CUSTOMER
CUSTOMER P/N: _____
DESCRIPTION/SPEC: HL5M13**MBZ Series
EDITION: A
DATE: 2021/11/25

MADE BY: LIU

CHECKED BY: NING

APPROVED BY: ZHOU

CUSTOMER APPROVE

Please fax back after confirm of signature.

深圳市华利进电子有限公司
Shenzhen houlihan lokey into electronic co., LTD

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地址：广东省梅州市梅江区东升工业园开发区

Http://www.szhlxdz.com

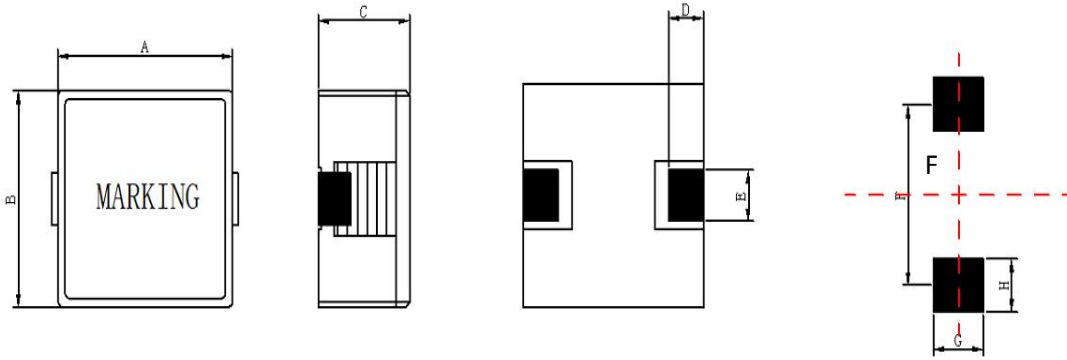
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深圳市华利进电子有限公司

Shenzhen huali jin electronics co., LTD

SMD POWER INDUCTORS: HL5M13**MBZ Series



MARKING: XXX.Inductance

A:14.2MAX mm

B:13.3MAX mm

C:7.0MAX mm

D:3.0TYP mm

E:2.4TYP mm

F:10.5TYP mm

G:4.2TYP mm

H:4.5TYP mm

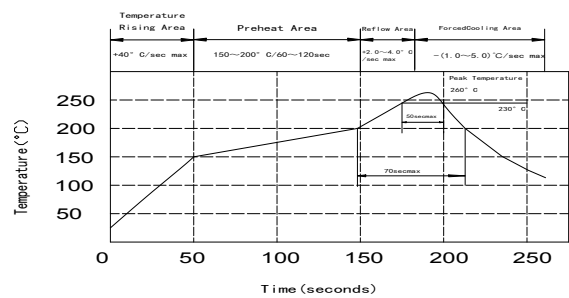
SCHEMATIC:



GENERAL SPECIFICATION:

1. All test data is referred to 25°C ambient.
2. Irms:DC current (A)that will cause ΔT of 40°C
3. Isat:DC current (A) that will cause L_0 to drop 30%
4. Operatong temperature range -40°C to +125°C.
5. Inductance tolerance $\pm 20\%$.

PeakTemp: 260°C max
 Max time above230° C:50secmax
 Max time above200° C:70secmax



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PART NO.	Ls	DCR (mΩ)	Isat	Irms	TEST FREQ.
	(uH)0A	±10%	dc(A) MAX	dc(A) MAX	(Hz)
<input type="checkbox"/> HLSM1365-R68MBZ	0.68	Max	70.0	42.0	100K/1V
<input type="checkbox"/> HLSM1365-R82MBZ	0.82	Max	50.0	30.0	100K/1V
<input type="checkbox"/> HLSM1365-1R0MBZ	1.00	Max	50.0	30.0	100K/1V
<input type="checkbox"/> HLSM1365-2R2MBZ	2.20	Max	42.0	22.0	100K/1V
<input type="checkbox"/> HLSM1365-3R3MBZ	3.30	Max	30.0	18.0	100K/1V
<input type="checkbox"/> HLSM1365-4R7MBZ	4.70	Max	25.0	16.0	100K/1V
<input type="checkbox"/> HLSM1365-6R8MBZ	6.80	Max	20.0	11.0	100K/1V
<input type="checkbox"/> HLSM1365-100MBZ	10.00	Max	9.2	9.0	100K/1V
<input type="checkbox"/> HLSM1365-150MBZ	15.00	Max	8.5	7.2	100K/1V
<input type="checkbox"/> HLSM1365-220MBZ	22.00	Max	7.5	5.0	100K/1V
<input type="checkbox"/> HLSM1365-330MBZ	33.00	Max	5.4	5.0	100K/1V
<input type="checkbox"/> HLSM1365-470MBZ	47.00	Max	5.2	4.0	100K/1V
<input type="checkbox"/> HLSM1370-3R3MBZ	3.3	4.2	16.0	18.3	100K/1V
<input type="checkbox"/> HLSM1370-4R7MBZ	4.7	4.9	15.0	17.0	100K/1V
<input type="checkbox"/> HLSM1370-6R8MBZ	6.8	5.9	14.0	13.0	100K/1V
<input type="checkbox"/> HLSM1370-100MBZ	10.0	8.5	12.0	10.0	100K/1V
<input type="checkbox"/> HLSM1370-220MBZ	22.0	26.3	8.0	8.1	100K/1V