

# Product Specification

Number: L-KLS18-LPMXXX-XXXX

Name: SMD Chip Inductor(Plastic Molded)

Customer: \_\_\_\_\_

Date: 2024-06-11

Customer Signature:



**NINGBO KLS ELECTRONIC CO; LTD**

Tel : 0086-574-86828566

Fax : 0086-574-86824882

ADD : NO. 8-1, RONGXIA RD. XIAPU SHANQIAN  
INDUSTRIAL ZONE BEILUN NINGBO ZHEJIANG.

Compi	Check	Review	Approva
Jenny	Jack.C		

# ORDER INFORMATION

## L-KLS18-LPM XXX-XXX X

Type:KLS18-LPM

### Size:

KLS18-LPM42:	4.3*4.6mm*2.0mm
KLS18-LPM52:	5.5*5.8mm*2.0mm
KLS18-LPM53:	5.5*5.8mm*3.0mm
KLS18-LPM63:	6.6*7.5*3.0mm
KLS18-LPM65:	6.6*7.5*5.0mm
KLS18-LPM85:	8.0*9.0*5mm
KLS18-LPM130:	10*11*3mm
KLS18-LPM140:	10*11*4mm
KLS18-LPM150:	10*11*5mm
KLS18-LPM1235:	13*14.5*3.5mm
KLS18-LPM1240:	13*14.5*4mm
KLS18-LPM1250:	13*14.5*5mm
KLS18-LPM1265:	13*14.5*6.5mm

### Inductance:

L-KLS18-LPM42-0R47:	0.47 $\mu$ H
L-KLS18-LPM42-0R68:	0.68 $\mu$ H
L-KLS18-LPM42-1R0:	1.0 $\mu$ H
L-KLS18-LPM42-1R5:	1.5 $\mu$ H
L-KLS18-LPM42-1R8:	1.8 $\mu$ H
L-KLS18-LPM42-2R2:	2.2 $\mu$ H
L-KLS18-LPM42-3R3:	3.3 $\mu$ H
L-KLS18-LPM42-4R7:	4.7 $\mu$ H
L-KLS18-LPM42-5R6:	5.6 $\mu$ H
L-KLS18-LPM42-6R8:	6.8 $\mu$ H
L-KLS18-LPM42-8R2:	8.2 $\mu$ H
L-KLS18-LPM42-100:	10 $\mu$ H
L-KLS18-LPM42-150:	15 $\mu$ H

Accuracy:  $\pm 20\%$

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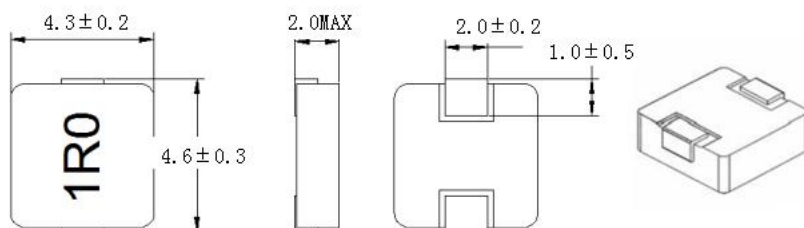
SMD power inductors

LPM42 SERIES

## FEATURES/特点

- Excellent solderability and high heat resistance.
- Suitable for large currents.
- Is applicable to a wide range of DC-DC converters ideal For (DVD;DSC;phone; PDA;GPS;CMMB; Digital photo, Frame, telephone; CAR AV equipment and so on.)
- Current Rating: Based on the largest decline in ICP to 35 percent, and the temperature does not exceed 40degrees.
- Measuring frequency: 100KHz/0.25V
- Packaging method: REEL
- RoHS

## DIMENSIONS(mm) 外型尺寸



Type 型号	Inductance 电感量 (μH) ±20%	DCR MΩ TYPICAL 25 ° C	DCR mΩ MAX 25 ° C	Heat Rating Current DC Amps. IDC(A)	Saturation CurrentPart Number DC Amps. Isat ( A )
LPM42-R47M	0.47	11.2	13.0	7.0	11.0
LPM42-R68M	0.68	16.0	19.0	6.3	9.0
LPM42-1R0M	1.0	23.0	25.0	5.5	7.5
LPM42-1R5M	1.5	32.8	38.0	4.0	6.0
LPM42-1R8M	1.8	43.0	52.0	3.8	5.8
LPM42-2R2M	2.2	45.5	49.0	3.0	5.0
LPM42-3R3M	3.3	58.0	65.0	2.5	4.0
LPM42-4R7M	4.7	95.0	105	2.2	3.5
LPM42-5R6M	5.6	112	125	2.0	2.7
LPM42-6R8M	6.8	115	130	1.8	2.5
LPM42-8R2M	8.2	165	175	1.6	2.2
LPM42-100M	10.0	165	180	1.5	2.5
LPM42-150M	15.0	325	374	1.0	1.5

- Design according to customer requirements.
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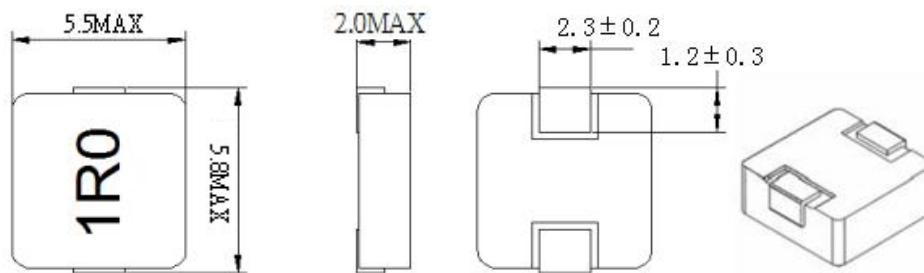
SMD power inductors

LPM52 SERIES

## FEATURES/特点

- Excellent solderability and high heat resistance.
- Suitable for large currents.
- Is applicable to a wide range of DC-DC converters ideal For (DVD;DSC;phone; PDA;GPS;CMMB; Digital photo, Frame, telephone; CAR AV equipment and so on.)
- Current Rating: Based on the largest decline in ICP to 35 percent, and the temperature does not exceed 40degrees.
- Measuring frequency: 100KHz/0.25V
- Packaging method: REEL
- RoHS

## DIMENSIONS(mm) 外型尺寸



Type 型号	Inductance 电感量 (μH)	DCR MΩ TYPICAL 25 ° C	DCR mΩ MAX 25 ° C	Heat Rating Current DC Amps. IDC(A)	Saturation CurrentPart Number DC Amps. Isat ( A )
LPM52-R22M	0.22μH±20%	4.0	5.5	10.5	16
LPM52-R33M	0.33μH±20%	7.5	9.0	10	15
LPM52-R47M	0.47μH±20%	8.3	10.0	10.5	15
LPM52-R68M	0.68μH±20%	12.0	15.4	7.0	13
LPM52-1R0M	1.0μH±20%	17.5	20.0	6.5	10
LPM52-1R5M	1.5μH±20%	26.5	30.5	5.0	7.0
LPM52-2R2M	2.2μH±20%	42.0	50.0	3.8	6.0
LPM52-3R3M	3.3μH±20%	66.0	76.0	3.0	5.0
LPM52-4R7M	4.7μH±20%	90.0	98.0	2.5	3.5
LPM52-6R8M	6.8μH±20%	130	150	2.0	3.4
LPM52-8R2M	8.2μH±20%	148	171	2.0	3.3
LPM52-100M	10.0μH±20%	147	172	1.5	2.7

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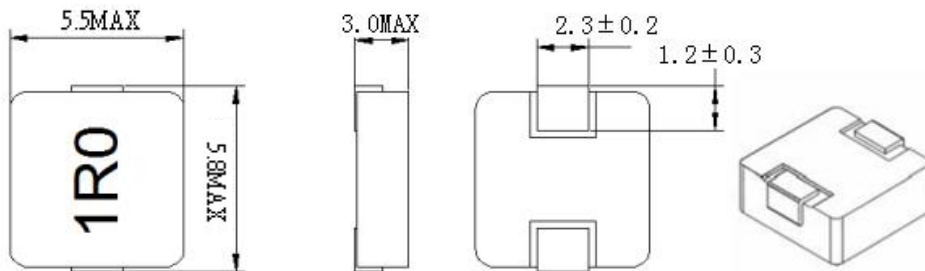
SMD power inductors

LPM53 SERIES

## FEATURES/特点

- Excellent solderability and high heat resistance.
- Suitable for large currents.
- Is applicable to a wide range of DC-DC converters ideal For (DVD;DSC;phone; PDA;GPS;CMMB; Digital photo, Frame, telephone; CAR AV equipment and so on.)
- Current Rating: Based on the largest decline in ICP to 35 percent, and the temperature does not exceed 40degrees.
- Measuring frequency: 100KHz/0.25V
- Packaging method: REEL
- RoHS

## DIMENSIONS(mm) 外型尺寸



Type 型号	Inductance 电感量 (μH)	DCR MΩ TYPICAL 25 ° C	DCR mΩ MAX 25 ° C	Heat Rating Current DC Amps. IDC (A)	Saturation CurrentPart Number DC Amps. Isat ( A )
LPM53-R47M	0.47μH±20%	8.0	11.0	10.0	13.0
LPM53-R68M	0.68μH±20%	9.2	12.0	8.5	13.5
LPM53-1R0M	1.0μH±20%	12.6	13.7	7.0	10.0
LPM53-1R5M	1.5μH±20%	15.0	16.7	5.0	8.0
LPM53-2R2M	2.2μH±20%	25.0	32.2	4.0	7.0
LPM53-3R3M	3.3μH±20%	32.0	39.0	3.5	6.2
LPM53-4R7M	4.7μH±20%	47.0	53.0	3.0	5.0
LPM53-6R8M	6.8μH±20%	61.0	70.2	2.5	4.0
LPM53-100M	10.0μH±20%	110	120	2.0	3.5
LPM53-150M	15.0μH±20%	165	190	1.5	2.0
LPM53-220M	22.0μH±20%	220	260	1.5	1.6

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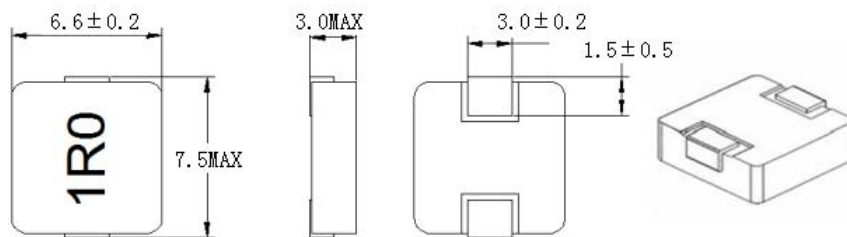
SMD power inductors

LPM63 SERIES

## FEATURES/特点

- Excellent solderability and high heat resistance.
- Suitable for large currents.
- Is applicable to a wide range of DC-DC converters ideal For (DVD;DSC;phone; PDA;GPS;CMMB; Digital photo, Frame, telephone; CAR AV equipment and so on.)
- Current Rating: Based on the largest decline in ICP to 35 percent, and the temperature does not exceed 40degrees.
- Measuring frequency: 100KHz/1.0V
- Packaging method: REEL
- RoHS

## DIMENSIONS(mm) 外型尺寸



Type 型号	Inductance 电感量 (μH)	DCR MΩ TYPICAL 25 ° C	DCR mΩ MAX 25 ° C	Heat Rating Current DC Amps. IDC(A)	Saturation CurrentPart Number DC Amps. Isat ( A )
LPM63-R15M	0.15μH±20%	1.7	2.1	27.0	45.0
LPM63-R47M	0.47μH±20%	4.7	4.9	17.0	26.0
LPM63-R68M	0.68μH±20%	4.8	5.5	115	25.0
LPM63-1R0M	1.0μH±20%	8.3	8.5	11.0	22.0
LPM63-1R5M	1.5μH±20%	11.5	13.0	9.0	18.0
LPM63-2R2M	2.2μH±20%	15.5	17.0	8.0	14.0
LPM63-3R3M	3.3μH±20%	23.2	25.0	6.0	12.0
LPM63-4R7M	4.7μH±20%	31.0	35.0	5.5	10.0
LPM63-5R6M	5.6μH±20%	39.0	42.0	5.0	9.0
LPM63-6R8M	6.8μH±20%	54.0	60.0	4.2	8.0
LPM63-8R2M	8.2μH±20%	64.0	68.0	4.0	7.5
LPM63-100M	10.0μH±20%	75.0	85.0	3.5	6.0
LPM63-150M	15.0μH±20%	127	133	3.0	4.0
LPM63-220M	22.0μH±20%	130	135	2.0	3.5
LPM63-330M	33.0μH±20%	235	245	1.8	2.7
LPM63-470M	47.0μH±20%	300	320	1.5	2.5

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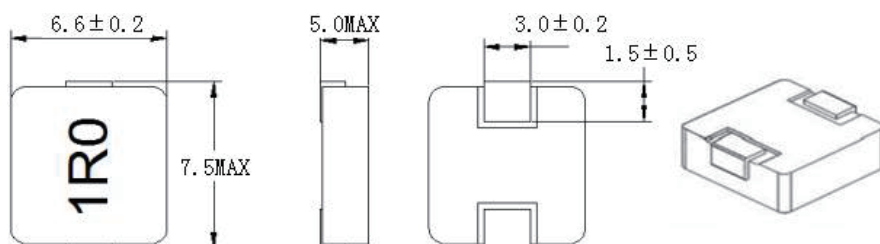
SMD power inductors

LPM65SERIES

## FEATURES/特点

- Excellent solderability and high heat resistance.
- Suitable for large currents.
- Is applicable to a wide range of DC-DC converters ideal For (DVD;DSC;phone; PDA;GPS;CMMB; Digital photo, Frame, telephone; CAR AV equipment and so on.)
- Current Rating: Based on the largest decline in ICP to 35 percent, and the temperature does not exceed 40degrees.
- Measuring frequency: 100KHz/1.0V
- Packaging method: REEL
- RoHS

## DIMENSIONS(mm) 外型尺寸



Type 型号	Inductance 电感量 (μH)	DCR MΩ TYPICAL 25 ° C	DCR mΩ MAX 25 ° C	Heat Rating Current DC Amps. IDC(A)	Saturation CurrentPart Number DC Amps. Isat ( A )
LPM65-R10M	0.10μH ± 20%	0.65	0.78	32.0	40.0
LPM65-R47M	0.47μH ± 20%	3.5	3.9	18.0	19.0
LPM65-R68M	0.68μH ± 20%	4.0	4.5	17.0	18.0
LPM65-1R0M	1.0μH ± 20%	6.8	7.5	12.0	17.0
LPM65-2R2M	2.2μH ± 20%	11.2	12.0	8.5	13.0
LPM65-3R3M	3.3μH ± 20%	16.0	20.0	6.5	9.5
LPM65-4R7M	4.7μH ± 20%	25.0	28.0	6.0	10.0
LPM65-6R8M	6.8μH ± 20%	29.0	35.0	5.0	7.5
LPM65-8R2M	8.2μH ± 20%	38.5	45.0	4.5	7.0
LPM65-100M	10μH ± 20%	35.0	40.0	4.0	7.5
LPM65-150M	15μH ± 20%	70.0	75.0	3.5	5.0
LPM65-220M	22μH ± 20%	90.0	100	3.0	6.0
LPM65-330M	33μH ± 20%	146	155	1.8	3.2
LPM65-470M	47μH ± 20%	262	320	1.7	3.0
LPM65-680M	68μH ± 20%	346	365	1.2	2.2
LPM65-101M	100μH ± 20%	346	365	1.0	1.3

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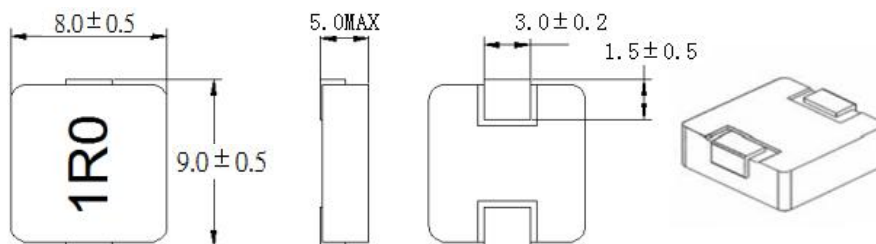
SMD power inductors

LPM85 SERIES

## FEATURES/特点

- Excellent solderability and high heat resistance.
- Suitable for large currents.
- Is applicable to a wide range of DC-DC converters ideal For (DVD;DSC;phone; PDA;GPS;CMMB; Digital photo, Frame, telephone; CAR AV equipment and so on.)
- Current Rating: Based on the largest decline in ICP to 35 percent, and the temperature does not exceed 40degrees.
- Measuring frequency: 100KHz/0.25V
- Packaging method: REEL
- RoHS

## DIMENSIONS(mm) 外型尺寸



Type 型号	Inductance 电感量 (μH)	DCR MΩ TYPICAL 25 ° C	DCR mΩ MAX 25 ° C	Heat Rating Current DC Amps. IDC(A)	Saturation CurrentPart Number DC Amps. Isat ( A )
LPM85-R22M	0.22μH±20%	0.82	0.9	32.0	40.0
LPM85-3R3M	3.3μH±20%	16.0	20.0	8.0	12.0
LPM85-4R7M	4.7μH±20%	14.0	16.0	7.0	10.0
LPM85-100M	10μH±20%	31.0	40.0	5.0	7.5
LPM85-150M	15μH±20%	62.0	75.0	3.5	5.0
LPM85-220M	22μH±20%	90.0	120	3.0	5.0
LPM85-330M	33μH±20%	117	150	2.0	3.2
LPM85-470M	47μH±20%	206	235	1.8	3.0
LPM85-680M	68μH±20%	224	280	1.6	2.5

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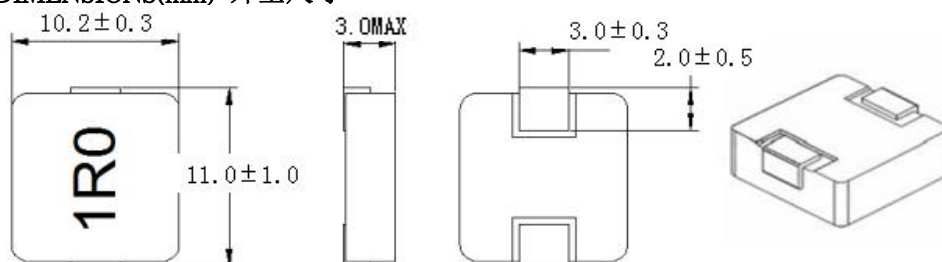
SMD power inductors

## LPM130 SERIES

### FEATURES/特点

- Excellent solderability and high heat resistance.
- Suitable for large currents.
- Is applicable to a wide range of DC-DC converters ideal For (DVD;DSC;phone; PDA;GPS;CMMB; Digital photo, Frame, telephone; CAR AV equipment and so on.)
- Current Rating: Based on the largest decline in ICP to 35 percent, and the temperature does not exceed 40degrees.
- Measuring frequency: 100KHz/1.0V
- Packaging method: REEL
- RoHS

### DIMENSIONS(mm) 外型尺寸



Type 型号	Inductance 电感量 (μH)	DCR MΩ TYPICAL 25 ° C	DCR mΩ MAX 25 ° C	Heat Rating Current DC Amps. IDC(A)	Saturation CurrentPart Number DC Amps. Isat ( A )
LPM130-R15M	0.15μH±20%	0.9	1.1	30.0	40.0
LPM130-R22M	0.22μH±20%	1.1	1.3	28.0	30.0
LPM130-R36M	0.36μH±20%	1.3	1.6	22.0	28.0
LPM130-R47M	0.47μH±20%	2.1	2.5	19.0	27.0
LPM130-R56M	0.56μH±20%	2.6	3.0	16.0	25.0
LPM130-R82M	0.82μH±20%	3.9	4.5	14.0	19.0
LPM130-1R0M	1.0μH±20%	4.6	6.0	14.0	18.0
LPM130-1R5M	1.5μH±20%	7.5	8.5	13.0	17.0
LPM130-2R2M	2.2μH±20%	11.0	12.0	11.0	15.0
LPM130-3R3M	3.3μH±20%	14.5	16.0	8.0	12.0
LPM130-4R7M	4.7μH±20%	20.5	22.5	6.0	11.0
LPM130-5R6M	5.6μH±20%	28.0	32.5	6.0	10.0
LPM130-6R8M	6.8μH±20%	30.2	35.0	5.5	9.0
LPM130-8R2M	8.2μH±20%	42.0	48.0	5.0	8.0
LPM130-100M	10.0μH±20%	50.0	55.0	4.0	7.0

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SMD power inductors

## FEATURES :

Excellent solderability and high heat resistance.

Suitable for large currents.

Is applicable to a wide range of DC-DC converters ideal For (DVD;DSC;phone ; PDA;GPS;CMMB; Digital photo, Frame, telephone ; CAR AV equipment and so on.)

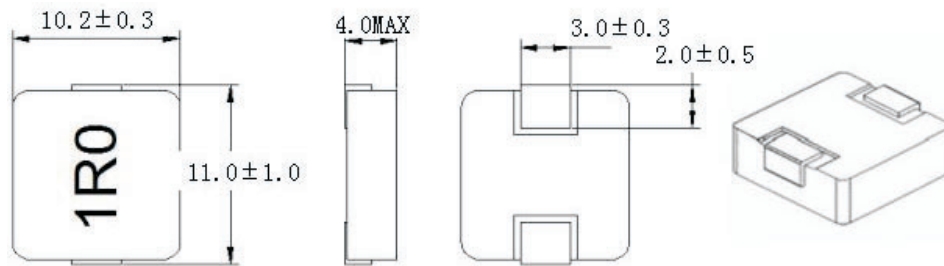
Current Rating : Based on the largest decline in ICP to 35 percent, and the temperature does not exceed 40degrees.

Measuring frequency : 100KHz/1.0V

Packaging method: REEL

RoHS

## DIMENSIONS(mm):



Type 型号	Inductance 电感量 (μH)	DCR MΩ TYPICAL 25 ° C	DCR mΩ MAX 25 ° C	Heat Rating Current DC Amps. IDC(A)	Saturation CurrentPart Number DC Amps. Isat ( A )
LPM140-R15M	0.15μH±20%	0.5	0.6	38.0	74.0
LPM140-R47M	0.47μH±20%	1.3	1.5	28.0	40.0
LPM140-1R0M	1.0μH±20%	2.6	3.0	18.0	26.0
LPM140-R22M	2.2μH±20%	6.6	8.0	12.0	18.0
LPM140-3R3M	3.3μH±20%	10.8	11.8	10.0	15.0
LPM140-4R7M	4.7μH±20%	8.0	12.5	15.0	15.5
LPM140-5R6M	5.6μH±20%	19.0	23.0	7.0	11.5
LPM140-6R8M	6.8μH±20%	22.5	24.3	6.8	11.0
LPM140-100M	10.0μH±20%	27.0	30.0	6.0	7.5
LPM140-150M	15.0μH±20%	40.0	45.0	5.0	6.0
LPM140-220M	22.0μH±20%	64.0	74.0	4.0	5.5
LPM140-330M	33.0μH±20%	84.0	91.0	3.5	5.0
<b>LPM140-470M</b>	<b>47.0μH±20%</b>	<b>125</b>	<b>142</b>	<b>3.0</b>	<b>3.7</b>
LPM140-680M	68.0μH±20%	185	210	2.5	3.0
LPM140-820M	82.0μH±20%	245	270	2.1	2.8
LPM140-101M	100μH±20%	265	310	1.5	2.5

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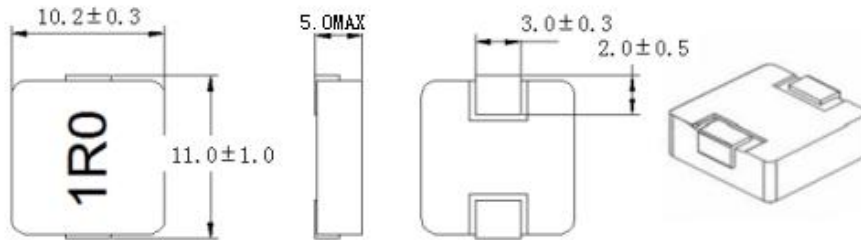
SMD power inductors

LPM150 SERIES

## FEATURES/特点

- Excellent solderability and high heat resistance.
- Suitable for large currents.
- Is applicable to a wide range of DC-DC converters ideal For (DVD;DSC;phone; PDA;GPS;CMMB; Digital photo, Frame, telephone; CAR AV equipment and so on.)
- Current Rating: Based on the largest decline in ICP to 35 percent, and the temperature does not exceed 40degrees.
- Measuring frequency: 100KHz/1.0V
- Packaging method: REEL
- RoHS

## DIMENSIONS(mm) 外型尺寸



Type 型号	Inductance 电感量 (μH)	DCR MΩ TYPICAL 25 ° C	DCR mΩ MAX 25 ° C	Heat Rating Current DC Amps. IDC(A)	Saturation CurrentPart Number DC Amps. Isat ( A )
LPM150-R36M	0.36μH±20%	0.87	0.92	30.0	36.0
LPM150-R68M	0.68μH±20%	1.6	1.9	25.0	32.0
LPM150-1R0M	1.0μH±20%	2.5	2.8	22.0	30.0
LPM150-1R5M	1.5μH±20%	5.5	6.1	17.0	24.0
LPM150-2R2M	2.2μH±20%	5.8	6.8	14.0	18.0
LPM150-3R3M	3.3μH±20%	9.0	10.4	10.0	17.0
LPM150-4R7M	4.7μH±20%	10.0	12.5	9.0	14.0
LPM150-5R6M	5.6μH±20%	14.0	15.8	9.0	12.0
LPM150-6R8M	6.8μH±20%	15.5	18.0	8.5	10.5
LPM150-100M	10.0μH±20%	25.0	29.0	7.0	10.0
LPM150-150M	15.0μH±20%	37.0	45.0	5.5	9.5
LPM150-220M	22.0μH±20%	52.0	60.0	5.0	7.0
LPM150-330M	33.0μH±20%	80.0	92.0	3.5	6.0
LPM150-470M	47.0μH±20%	125	145	3.5	4.0
LPM150-680M	68.0μH±20%	176	205	2.5	3.2
LPM150-101M	100μH±20%	245	290	2.0	2.5

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# NINGBO KLS ELECTRONIC CO; LTD

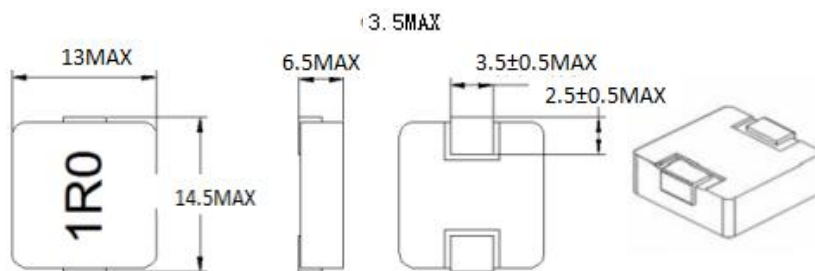
SMD power inductors

## LPM1235 SERIES

### FEATURES/特点

- Excellent solderability and high heat resistance.
- Suitable for large currents.
- Is applicable to a wide range of DC-DC converters ideal For (DVD;DSC;phone; PDA;GPS;CMMB; Digital photo, Frame, telephone; CAR AV equipment and so on.)
- Current Rating: Based on the largest decline in ICP to 35 percent, and the temperature does not exceed 40degrees.
- Measuring frequency: 100KHz/1.0V
- Packaging method: REEL
- RoHS

### DIMENSIONS(mm) 外型尺寸



Type 型号	Inductance 电感量 (μH)	DCR MΩ TYPICAL 25 ° C	DCR mΩ MAX 25 ° C	Heat Rating Current DC Amps. IDC(A)	Saturation CurrentPart Number DC Amps. Isat ( A )
LPM1235-R22M	0.22μH±20%	0.7	1.2	25.0	64.0
LPM1235-R47M	0.47μH±20%	1.2	1.8	20.0	49.0
LPM1235-R68M	0.68μH±20%	1.9	2.5	18.0	35.0
LPM1235-1R0M	1.0μH±20%	2.7	3.5	15.0	26.0
LPM1235-1R5M	1.5μH±20%	4.8	5.5	15.0	24.0
LPM1235-2R2M	2.2μH±20%	6.3	8.0	14.0	20.0
LPM1235-3R3M	3.3μH±20%	11.0	12.5	12.0	16.0
LPM1235-4R7M	4.7μH±20%	15.3	17.5	10.0	14.0
LPM1235-6R8M	6.8μH±20%	20.0	25.0	8.0	12.0
LPM1235-100M	10μH±20%	29.0	35.0	6.0	10.0

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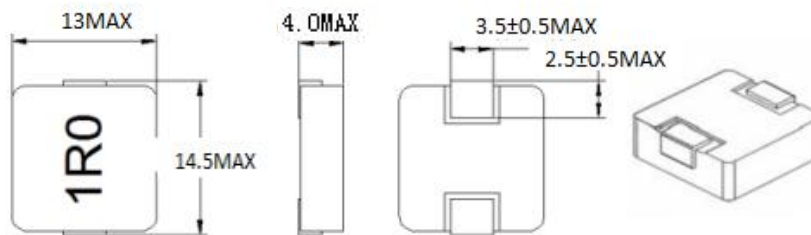
SMD power inductors

LPM1240 SERIES

## FEATURES/特点

- Excellent solderability and high heat resistance.
- Suitable for large currents.
- Is applicable to a wide range of DC-DC converters ideal For (DVD;DSC;phone; PDA;GPS;CMMB; Digital photo, Frame, telephone; CAR AV equipment and so on.)
- Current Rating: Based on the largest decline in ICP to 35 percent, and the temperature does not exceed 40degrees.
- Measuring frequency: 100KHz/1.0V
- Packaging method: REEL
- RoHS

## DIMENSIONS(mm) 外型尺寸



Type 型号	Inductance 电感量 (μH)	DCR MΩ TYPICAL 25 ° C	DCR mΩ MAX 25 ° C	Heat Rating Current DC Amps. IDC(A)	Saturation CurrentPart Number DC Amps. Isat ( A )
LPM1240-1R0M	1.0μH±20%	3.3	3.5	19.0	38.0
LPM1240-1R5M	1.5μH±20%	5.1	5.5	16.0	30.0
LPM1240-2R2M	2.2μH±20%	8.2	9.5	15.0	22.0
LPM1240-3R3M	3.3μH±20%	11.0	12.0	12.0	20.0
LPM1240-4R7M	4.7μH±20%	14.3	15.0	9.0	15.0
LPM1240-5R6M	5.6μH±20%	17.1	18.0	8.0	14.0
LPM1240-6R8M	6.8μH±20%	19.8	22.0	7.5	12.0
LPM1240-8R2M	8.2μH±20%	24.8	28.0	7.0	12.0
LPM1240-100M	10μH±20%	30.4	34.0	6.0	10.0

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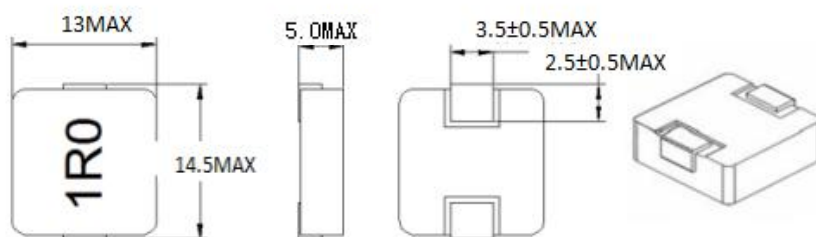
SMD power inductors

## LPM1250 SERIES

### FEATURES/特点

- Excellent solderability and high heat resistance.
- Suitable for large currents.
- Is applicable to a wide range of DC-DC converters ideal For (DVD;DSC;phone; PDA;GPS;CMMB; Digital photo, Frame, telephone; CAR AV equipment and so on.)
- Current Rating: Based on the largest decline in ICP to 35 percent, and the temperature does not exceed 40degrees.
- Measuring frequency: 100KHz/1.0V
- Packaging method: REEL
- RoHS

### DIMENSIONS(mm) 外型尺寸



Type 型号	Inductance 电感量 (μH)	DCR MΩ TYPICAL 25 ° C	DCR mΩ MAX 25 ° C	Heat Rating Current DC Amps. IDC (A)	Saturation CurrentPart Number DC Amps. Isat ( A )
LPM1250-R47M	0.47μH±20%	1.1	1.3	25.0	48.0
LPM1250-R68M	0.68μH±20%	1.4	1.7	20.0	40.0
LPM1250-1R0M	1.0μH±20%	1.85	2.5	18.5	35.0
LPM1250-2R2M	2.2μH±20%	4.2	5.5	16.0	25.0
LPM1250-3R3M	3.3μH±20%	6.8	9.2	15.0	23.0
LPM1250-4R7M	4.7μH±20%	11.4	15.0	12.0	21.0
LPM1250-6R8M	6.8μH±20%	14.5	18.5	11.0	18.0
LPM1250-100M	10.0μH±20%	21.4	25.5	7.0	13.0
LPM1250-150M	15.0μH±20%	52.0	58.0	6.0	12.0
LPM1250-220M	22.0μH±20%	58.0	68.0	4.0	8.0
LPM1250-330M	33.0μH±20%	73.0	88.0	3.0	6.0
LPM1250-470M	47.0μH±20%	80.0	95.0	2.5	3.5
LPM1250-680M	68.0μH±20%	155	198	1.5	3.2

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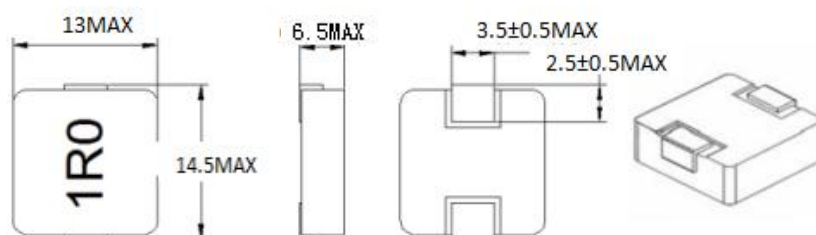
SMD power inductors

LPM1265

## FEATURES/特点

- Excellent solderability and high heat resistance.
- Suitable for large currents.
- Is applicable to a wide range of DC-DC converters ideal For (DVD;DSC;phone; PDA;GPS;CMMB; Digital photo, Frame, telephone; CAR AV equipment and so on.)
- Current Rating: Based on the largest decline in ICP to 35 percent, and the temperature does not exceed 40degrees.
- Measuring frequency: 100KHz/1.0V
- Packaging method: REEL
- RoHS

## DIMENSIONS(mm) 外型尺寸



Type 型号	Inductance 电感量 (μH)	DCR MΩ TYPICAL 25 ° C	DCR mΩ MAX 25 ° C	Heat Rating Current DC Amps. IDC (A)	Saturation CurrentPart Number DC Amps. Isat ( A )
LPM1265-R10M	0.10μH±20%	0.2	0.25	60	110
LPM1265-R22M	0.22μH±20%	0.48	0.65	42	80
LPM1265-R68M	0.68μH±20%	1.33	1.7	33	46
LPM1265-1R0M	1.0μH±20%	1.8	2.4	28	36
LPM1265-2R2M	2.2μH±20%	2.5	4.7	21	24
LPM1265-3R3M	3.3μH±20%	4.2	5.5	17	22
LPM1265-4R7M	4.7μH±20%	5.9	6.5	16	20
LPM1265-6R8M	6.8μH±20%	9.2	10.5	14	17
LPM1265-100M	10.0μH±20%	14	16	11	15
LPM1265-150M	15.0μH±20%	19	26	9	12
LPM1265-220M	22.0μH±20%	43	45	6.5	9
LPM1265-330M	33.0μH±20%	55	65	6	8
LPM1265-470M	47.0μH±20%	56	65	5	7
LPM1265-680M	68.0μH±20%	97	110	4	6
LPM1265-101M	100μH±20%	125	135	3.5	4.5

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