

# Product Specification

Number: RNP18-LPM63-XXXM

Name: Inductance

Specification: \_\_\_\_\_

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

Date: 2024-05-27

Customer Signature:



Compile	Check	Review	Approval
Jenny	Jack.C		

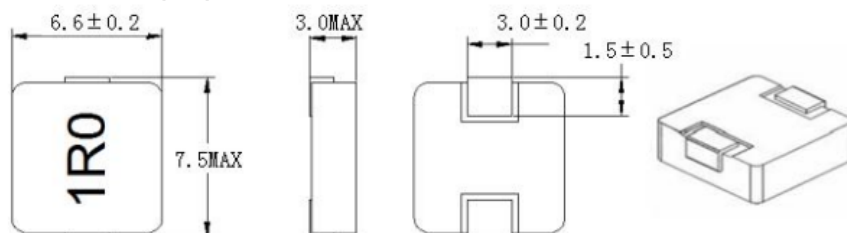
**Fixed inductors for surface mounting**

**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

**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 )
LPM0630-R15M	0.15μH±20%	1.7	2.1	27.0	45.0
LPM0630-R47M	0.47μH±20%	4.7	4.9	17.0	26.0
LPM0630-R68M	0.68μH±20%	4.8	5.5	115	25.0
LPM0630-1R0M	1.0μH±20%	8.3	8.5	11.0	22.0
LPM0630-1R5M	1.5μH±20%	11.5	13.0	9.0	18.0
LPM0630-2R2M	2.2μH±20%	15.5	17.0	8.0	14.0
LPM0630-3R3M	3.3μH±20%	23.2	25.0	6.0	12.0
LPM0630-4R7M	4.7μH±20%	31.0	35.0	5.5	10.0
LPM0630-5R6M	5.6μH±20%	39.0	42.0	5.0	9.0
LPM0630-6R8M	6.8μH±20%	54.0	60.0	4.2	8.0
LPM0630-8R2M	8.2μH±20%	64.0	68.0	4.0	7.5
LPM0630-100M	10.0μH±20%	75.0	85.0	3.5	6.0
LPM0630-150M	15.0μH±20%	127	133	3.0	4.0
LPM0630-220M	22.0μH±20%	130	135	2.0	3.5
LPM0630-330M	33.0μH±20%	235	245	1.8	2.7
LPM0630-470M	47.0μH±20%	300	320	1.5	2.5

- Design according to customer requirements.
- Data recorded for reference only, all to provide samples of business shall prevail.
- Recorded content may be improved or changed without notice.