

# 东莞市捷森电子有限公司

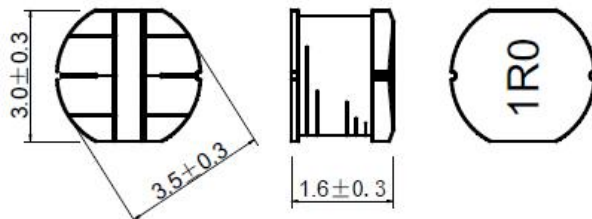
DONGGUAN J. S ELECTRONICS CO., LTD

|                                      |
|--------------------------------------|
| Fixed inductors for surface mounting |
| ED31 SERIES                          |

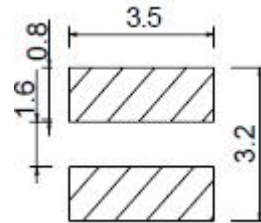
## FEATURES/特点

- 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

DIMENSIONS(mm) 外型尺寸



LAND PATTERNS(mm) 焊盘尺寸



| Type<br>型号 | Indicate<br>表示 | Inductance<br>电感量 (μH) | D. C. R(Max)<br>直流电阻 (mΩ) | Saturation Current<br>饱和电流 (A) |
|------------|----------------|------------------------|---------------------------|--------------------------------|
| ED31-1R0M  | 1R0            | 1. 0μH± 20%            | 48                        | 1. 60                          |
| ED31-2R2M  | 2R2            | 2. 2μH± 20%            | 78                        | 1. 47                          |
| ED31-4R7M  | 4R7            | 4. 7μH± 20%            | 158                       | 1. 22                          |
| ED31-6R8M  | 6R8            | 6. 8μH± 20%            | 213                       | 0. 96                          |
| ED31-100K  | 100            | 10μH± 10%              | 307                       | 0. 70                          |
| ED31-220K  | 220            | 22μH± 10%              | 656                       | 0. 48                          |
| ED31-330K  | 330            | 33μH± 10%              | 1021                      | 0. 37                          |
| ED31-470K  | 470            | 47μH± 10%              | 1509                      | 0. 26                          |
| ED31-680K  | 680            | 68μH± 10%              | 1919                      | 0. 23                          |
| ED31-101K  | 101            | 100μH± 10%             | 2870                      | 0. 19                          |
| ED31-121K  | 121            | 120μH± 10%             | 4084                      | 0. 17                          |
| ED31-151K  | 151            | 150μH± 10%             | 4774                      | 0. 14                          |
| ED31-181K  | 181            | 180μH± 10%             | 5690                      | 0. 12                          |

- 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.