

# 东莞市捷森电子有限公司

DONGGUAN J. S ELECTRONICS CO., LTD

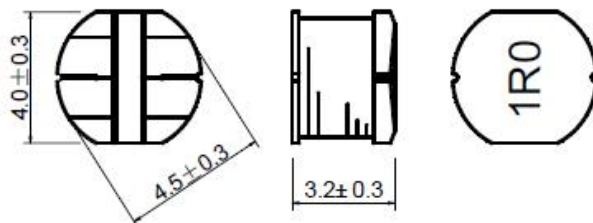
Fixed inductors for surface mounting

## ED43 SERIES

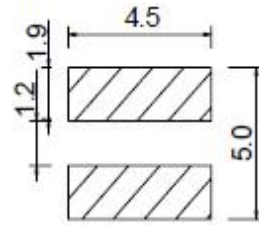
### FEATURES/特点

- 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 | Indica<br>te<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) |
|------------|--------------------|------------------------|----------------------------|--------------------------------|
| ED43-1R0M  | 1R0                | 1.0μH±20%              | 48.5                       | 2.70                           |
| ED43-2R2M  | 2R2                | 2.2μH±20%              | 71.0                       | 2.25                           |
| ED43-3R3M  | 3R3                | 3.3μH±20%              | 86.0                       | 2.00                           |
| ED43-4R7M  | 4R7                | 4.7μH±20%              | 108                        | 1.62                           |
| ED43-6R8M  | 6R8                | 6.8μH±20%              | 130                        | 1.43                           |
| ED43-100K  | 100                | 10μH±10%               | 180                        | 1.05                           |
| ED43-220K  | 220                | 22μH±10%               | 375                        | 0.68                           |
| ED43-330K  | 330                | 33μH±10%               | 540                        | 0.56                           |
| ED43-470K  | 470                | 47μH±10%               | 845                        | 0.44                           |
| ED43-101K  | 101                | 100μH±10%              | 1190                       | 0.29                           |
| ED43-151K  | 151                | 150μH±10%              | 1860                       | 0.23                           |
| ED43-221K  | 221                | 220μH±10%              | 2850                       | 0.18                           |
| ED43-331K  | 331                | 330μH±10%              | 3980                       | 0.13                           |

- 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.