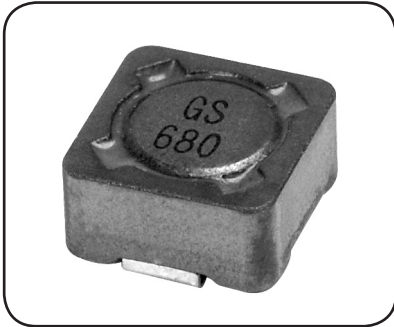




查询LS74 供应商

# Surface Mount Power Inductors

# LS74 Series



### FEATURES

- Will Handle Up To 1.84A
- Economical Design
- Suitable For Pick And Place
- Withstands Solder Reflow
- Shielded Design

### APPLICATIONS

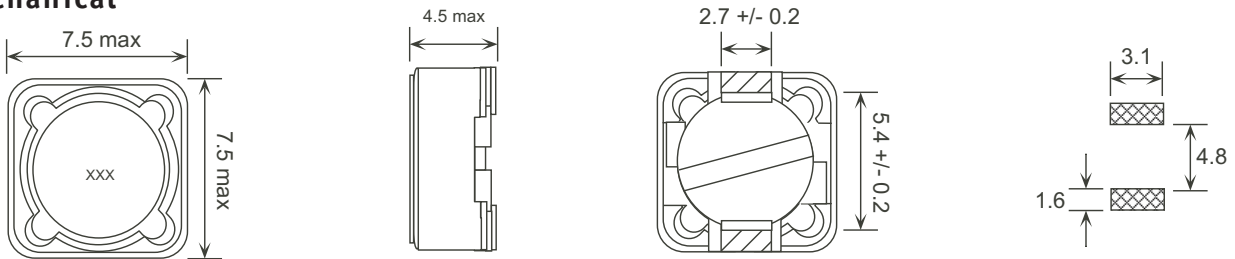
- DC/DC Converters
- Output Power Chokes
- Handheld And PDA Applications
- Battery Powered Or Low Voltage Applications

### PACKAGING

- Reel Diameter: 330mm
- Reel Width: 16.3mm
- Pieces Per Reel: 1000



### Mechanical



### Electrical Specifications

| Part <sup>6</sup><br>Number | Inductance <sup>1</sup><br>( $\mu$ H) | Test Frequency<br>(kHz) | DCR max<br>( $\Omega$ ) | $I_{DC}$ max <sup>2</sup><br>(A) |
|-----------------------------|---------------------------------------|-------------------------|-------------------------|----------------------------------|
| LS74-100-RM                 | 10                                    | 1                       | 0.049                   | 1.84                             |
| LS74-120-RM                 | 12                                    | 1                       | 0.058                   | 1.71                             |
| LS74-150-RM                 | 15                                    | 1                       | 0.081                   | 1.47                             |
| LS74-180-RM                 | 18                                    | 1                       | 0.091                   | 1.31                             |
| LS74-220-RM                 | 22                                    | 1                       | 0.11                    | 1.23                             |
| LS74-270-RM                 | 27                                    | 1                       | 0.15                    | 1.12                             |
| LS74-330-RM                 | 33                                    | 1                       | 0.17                    | .96                              |
| LS74-390-RM                 | 39                                    | 1                       | 0.23                    | .91                              |
| LS74-470-RM                 | 47                                    | 1                       | 0.26                    | .88                              |
| LS74-560-RM                 | 56                                    | 1                       | 0.35                    | .75                              |
| LS74-680-RM                 | 68                                    | 1                       | 0.38                    | .69                              |
| LS74-820-RM                 | 82                                    | 1                       | 0.43                    | .61                              |
| LS74-101-RM                 | 100                                   | 1                       | 0.61                    | .60                              |
| LS74-121-RM                 | 120                                   | 1                       | 0.66                    | .52                              |
| LS74-151-RM                 | 150                                   | 1                       | 0.88                    | .46                              |
| LS74-181-RM                 | 180                                   | 1                       | 0.98                    | .42                              |
| LS74-221-RM                 | 220                                   | 1                       | 1.17                    | .36                              |
| LS74-271-RM                 | 270                                   | 1                       | 1.64                    | .34                              |
| LS74-331-RM                 | 330                                   | 1                       | 1.86                    | .32                              |
| LS74-391-RM                 | 390                                   | 1                       | 2.85                    | .29                              |
| LS74-471-RM                 | 470                                   | 1                       | 3.01                    | .26                              |
| LS74-561-RM                 | 560                                   | 1                       | 3.62                    | .23                              |
| LS74-681-RM                 | 680                                   | 1                       | 4.63                    | .22                              |
| LS74-821-RM                 | 820                                   | 1                       | 5.20                    | .20                              |
| LS74-102-RM                 | 1000                                  | 1                       | 6.00                    | .18                              |

1. Tested @ 1kHz, 0.25Vrms.
2. Inductance drop = 10% at rated  $I_{DC}$  max.
3. Electrical specifications at 25°C.
4. Operating temperature range: -40°C to +85°C.
5. Meets UL 94V-0.
6. Optional Tolerances: 10%(K), 15%(L), and 30%(N).