

Shielded Inductor Selector



SwitchmodePower

| 121 Airport Drive Watertown, SD 57201 www.midcom-inc.com | | | | | | | |
|--|---------------------|-------------------------|-------------------------|---------------|-------------------------|-------------------------|----------|
| Series | 40000 - 40016 | LPI-2207 | 40017 - 40033 | 40034 - 40050 | FWS-5020 | | |
| Inductor Type | Coupled | Single | Coupled | Coupled | Single | | |
| Length (mm) | 9.0 | 5.8 | 9.0 | 11.6 | 13.4 | | |
| Width (mm) | 9.0 | 6.3 | 9.0 | 11.6 | 13.5 | | |
| Height (mm) | 4.2 | 1.9 | 5.8 | 6.2 | 6.6 | | |
| Joule Rating (μJ) | 9 | 10 | 16 | 20 | 200 | | |
| Approx. Suffix ¹ | L (μH) ² | 400xx Part ³ | I _{MAX} (Amps) | DCR (mΩ) | 400xx Part ³ | I _{MAX} (Amps) | DCR (mΩ) |
| -R27 | 0.27 | 00 | 5.50 | 6 | | | |
| -R33 | 0.33 | | | | 17 | 5.90 | 6 |
| -R47 | 0.47 | 01 | 5.10 | 6 | | 34 | 6.20 |
| -R56 | 0.56 | | | | 18 | 5.40 | 7 |
| -R68 | 0.68 | 02 | 4.50 | 8 | | 36 | 5.40 |
| -R82 | 0.82 | | | | 19 | 5.00 | 9 |
| -1R0 | 1.0 | | | 2.0 | | | |
| -1R1 | 1.1 | | | | | | 17.2 |
| -1R2 | 1.2 | | | | | | 2 |
| -1R5 | 1.5 | 03 | 3.40 | 14 | | 37 | 4.60 |
| -2R2 | 2.2 | | | 1.6 | | | |
| -3R1 | 3.1 | | | | | | 12.5 |
| -3R3 | 3.3 | 04 | 2.00 | 40 | | 21 | 2.50 |
| -3R8 | 3.8 | | | | | 38 | 3.20 |
| -4R2 | 4.2 | | | | | | 23 |
| -4R7 | 4.7 | 05 | 1.80 | 52 | | 39 | 2.80 |
| -5R2 | 5.2 | | | 1.5 | 113 | | 30 |
| -5R6 | 5.6 | 06 | 1.70 | 57 | | | |
| -6R8 | 6.8 | | | | | 40 | 2.70 |
| -7R0 | 7.0 | | | | | | 33 |
| -7R5 | 7.5 | | | | | | |
| -7R9 | 7.9 | | | | | | |
| -100 | 10 | 07 | 1.40 | 87 | | 24 | 1.60 |
| -120 | 12 | 08 | 1.00 | 159 | | 25 | 1.50 |
| -140 | 14 | | | | | 41 | 2.20 |
| -150 | 15 | 09 | 0.96 | 177 | | 26 | 1.40 |
| -160 | 16 | | | | | 43 | 1.40 |
| -220 | 22 | 10 | 0.80 | 250 | | 27 | 1.30 |
| -230 | 23 | | | | | 44 | 1.30 |
| -260 | 26 | | | | | | 143 |
| -270 | 27 | | | | | | |
| -330 | 33 | | | 0.8 | 354 | | |
| -350 | 35 | 11 | 0.70 | 316 | | 28 | 0.82 |
| -410 | 41 | | | | | 45 | 0.92 |
| -470 | 47 | | | | | | 277 |
| -680 | 68 | 12 | 0.66 | 373 | | 29 | 0.76 |
| -730 | 73 | 13 | 0.54 | 557 | | 30 | 0.62 |
| -101 | 100 | | | | | 46 | 0.84 |
| -121 | 120 | | | 0.7 | 576 | 47 | 0.68 |
| -171 | 170 | | | | | | 328 |
| -181 | 180 | 14 | 0.44 | 844 | | 48 | 0.64 |
| -291 | 290 | 15 | 0.36 | 1210 | | 49 | 0.60 |
| -381 | 380 | | | | | | 621 |
| -671 | 670 | 16 | 0.32 | 1530 | | 33 | 0.42 |
| -112 | 1120 | | | | | 50 | 0.50 |
| -202 | 2000 | | | | | | 926 |

Note 1: an R behind the suffix denotes tape & reel packaging and a U denotes tubes.

Note 2: Inductance is approximate only, please see specification sheet.

Note 3: 400xx series parts do not have suffixes.