



**PRODUCT BRIEF**

**EPCOS SMD Power Inductors**

Power Inductors: Size 6 x 6, Series B82462

| Kit: <a href="#">B82462X4</a><br>Kit Components: | Data Sheet Link           | Tolerance | f <sub>L</sub> (MHz) | I <sub>R</sub> (mA) | I <sub>SAT</sub> (mA) | R <sub>max</sub> Ω |
|--|---------------------------|-----------|----------------------|---------------------|-----------------------|--------------------|
| <a href="#">B82462A4102M</a>                     | <a href="#">DataSheet</a> | ±20%      | 0.1                  | 3.0                 | 5.80                  | 0.024              |
| <a href="#">B82462A4152M000</a>                  | <a href="#">DataSheet</a> | ±20%      | 0.1                  | 2.6                 | 4.60                  | 0.030              |
| <a href="#">B82462A4222M</a>                     | <a href="#">DataSheet</a> | ±20%      | 0.1                  | 2.3                 | 3.80                  | 0.042              |
| <a href="#">B82462A4332M</a>                     | <a href="#">DataSheet</a> | ±20%      | 0.1                  | 2.0                 | 3.20                  | 0.06               |
| <a href="#">B82462A4472M</a>                     | <a href="#">DataSheet</a> | ±20%      | 0.1                  | 1.65                | 2.80                  | 0.08               |
| <a href="#">B82462A4682M</a>                     | <a href="#">DataSheet</a> | ±20%      | 0.1                  | 1.40                | 2.30                  | 0.10               |
| <a href="#">B82462A4103M</a>                     | <a href="#">DataSheet</a> | ±20%      | 0.1                  | 1.15                | 1.80                  | 0.14               |
| <a href="#">B82462A4153K</a>                     | <a href="#">DataSheet</a> | ±10%      | 0.1                  | 0.90                | 1.50                  | 0.21               |
| <a href="#">B82462A4223K</a>                     | <a href="#">DataSheet</a> | ±10%      | 0.1                  | 0.80                | 1.28                  | 0.26               |
| <a href="#">B82462A4333K</a>                     | <a href="#">DataSheet</a> | ±10%      | 0.1                  | 0.63                | 1.04                  | 0.42               |
| <a href="#">B82462A4473K</a>                     | <a href="#">DataSheet</a> | ±10%      | 0.1                  | 0.54                | 0.82                  | 0.64               |
| <a href="#">B82462A4683K</a>                     | <a href="#">DataSheet</a> | ±10%      | 0.1                  | 0.43                | 0.69                  | 0.86               |
| <a href="#">B82462A4104K</a>                     | <a href="#">DataSheet</a> | ±10%      | 0.1                  | 0.35                | 0.57                  | 1.28               |
| <a href="#">B82462A4154K000</a>                  | <a href="#">DataSheet</a> | ±10%      | 0.1                  | 0.29                | 0.49                  | 1.76               |
| <a href="#">B82462A4224K</a>                     | <a href="#">DataSheet</a> | ±10%      | 0.1                  | 0.24                | 0.40                  | 2.76               |
| <a href="#">B82462A4334K</a>                     | <a href="#">DataSheet</a> | ±10%      | 0.1                  | 0.20                | 0.34                  | 3.90               |
| <a href="#">B82462G4102M</a>                     | <a href="#">DataSheet</a> | ±20%      | 0.1                  | 3.40                | 4.40                  | 0.016              |
| <a href="#">B82462G4152M</a>                     | <a href="#">DataSheet</a> | ±20%      | 0.1                  | 3.10                | 3.60                  | 0.020              |
| <a href="#">B82462G4222M</a>                     | <a href="#">DataSheet</a> | ±20%      | 0.1                  | 2.55                | 2.60                  | 0.025              |
| <a href="#">B82462G4332M</a>                     | <a href="#">DataSheet</a> | ±20%      | 0.1                  | 2.30                | 2.10                  | 0.031              |
| <a href="#">B82462G4472M</a>                     | <a href="#">DataSheet</a> | ±20%      | 0.1                  | 2.00                | 1.80                  | 0.040              |
| <a href="#">B82462G4682M</a>                     | <a href="#">DataSheet</a> | ±20%      | 0.1                  | 1.65                | 1.50                  | 0.050              |
| <a href="#">B82462G4103M</a>                     | <a href="#">DataSheet</a> | ±20%      | 0.1                  | 1.50                | 1.30                  | 0.062              |
| <a href="#">B82462G4153M</a>                     | <a href="#">DataSheet</a> | ±20%      | 0.1                  | 1.25                | 1.05                  | 0.097              |
| <a href="#">B82462G4223M</a>                     | <a href="#">DataSheet</a> | ±20%      | 0.1                  | 1.05                | 0.85                  | 0.15               |
| <a href="#">B82462G4333M</a>                     | <a href="#">DataSheet</a> | ±20%      | 0.1                  | 0.85                | 0.72                  | 0.23               |
| <a href="#">B82462G4473M</a>                     | <a href="#">DataSheet</a> | ±20%      | 0.1                  | 0.75                | 0.60                  | 0.31               |

|                              |                           |      |     |      |      |      |
|------------------------------|---------------------------|------|-----|------|------|------|
| <a href="#">B82462G4683M</a> | <a href="#">DataSheet</a> | ±20% | 0.1 | 0.65 | 0.50 | 0.41 |
| <a href="#">B82462G4104M</a> | <a href="#">DataSheet</a> | ±20% | 0.1 | 0.53 | 0.42 | 0.58 |
| <a href="#">B82462G4154M</a> | <a href="#">DataSheet</a> | ±20% | 0.1 | 0.38 | 0.33 | 1.05 |
| <a href="#">B82462G4224M</a> | <a href="#">DataSheet</a> | ±20% | 0.1 | 0.35 | 0.28 | 1.35 |
| <a href="#">B82462G4334M</a> | <a href="#">DataSheet</a> | ±20% | 0.1 | 0.27 | 0.22 | 2.30 |

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