



## PRODUCT BRIEF

### EPCOS SMD Inductors

SMD Inductors: SIMID 2220-A/H, Series B82442A, B82442H

| Kit: <a href="#">B82442X1</a><br>Kit Components: | Data Sheet Link           | Type | Tolerance  | $Q_{\min}$ | $f_L, f_Q$ (MHz) | $I_R$ (mA) | $R_{\max}$ $\Omega$ | $f_{\text{RES,MIN}}$ (MHz) |
|--|---------------------------|------|------------|------------|------------------|------------|---------------------|----------------------------|
| <a href="#">B82442H1334K</a>                     | <a href="#">DataSheet</a> | Auto | $\pm 10\%$ | 20         | 0.796            | 200        | 3.92                | 3.2                        |
| <a href="#">B82442H1105K</a>                     | <a href="#">DataSheet</a> | Auto | $\pm 10\%$ | 30         | 0.252            | 120        | 12.0                | 1.8                        |
| <a href="#">B82442A1102K</a>                     | <a href="#">DataSheet</a> | Std  | $\pm 10\%$ | 10         | 7.96             | 1800       | 0.024               | 95                         |
| <a href="#">B82442A1472K</a>                     | <a href="#">DataSheet</a> | Std  | $\pm 10\%$ | 10         | 7.96             | 950        | 0.088               | 29                         |
| <a href="#">B82442A1103K</a>                     | <a href="#">DataSheet</a> | Std  | $\pm 10\%$ | 10         | 2.52             | 690        | 0.168               | 19                         |
| <a href="#">B82442A1473K</a>                     | <a href="#">DataSheet</a> | Std  | $\pm 10\%$ | 10         | 2.52             | 340        | 0.68                | 8.5                        |
| <a href="#">B82442A1104K</a>                     | <a href="#">DataSheet</a> | Std  | $\pm 10\%$ | 20         | 0.796            | 250        | 1.28                | 6.0                        |
| <a href="#">B82442A1474K</a>                     | <a href="#">DataSheet</a> | Std  | $\pm 10\%$ | 20         | 0.796            | 120        | 5.6                 | 2.6                        |
| <a href="#">B82442A1105K</a>                     | <a href="#">DataSheet</a> | Std  | $\pm 10\%$ | 30         | 2.52             | 85         | 12.0                | 1.8                        |
| <a href="#">B82442A1475K</a>                     | <a href="#">DataSheet</a> | Std  | $\pm 10\%$ | 30         | 2.52             | 36         | 62.4                | 0.9                        |
| <a href="#">B82442A1106K</a>                     | <a href="#">DataSheet</a> | Std  | $\pm 10\%$ | 30         | 0.0796           | 25         | 120                 | 0.5                        |

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