

# SMT-Induktivitäten

## SMT Inductors

### SIMID 1210-T

- Baugröße 1210 (EIA) bzw. 3225 (IEC)
- Kernmaterial: Keramik oder Ferrit

Klimakategorie: 55/125/56

Anschlüsse: Bleifrei verzinkt

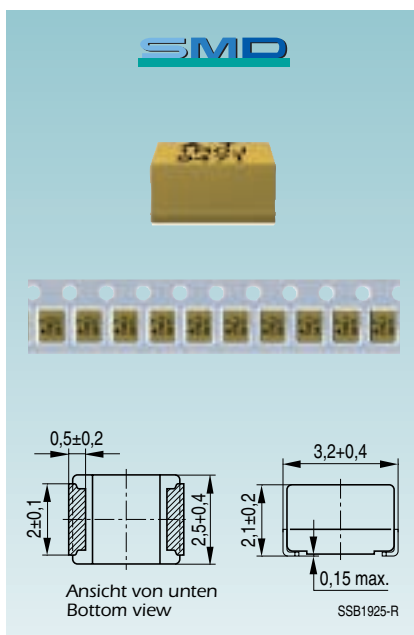
Lötbarkeit: IR-, Vapor-Phase-, Wellenlötten

Beschriftung: Hersteller, Typ-Kennz., L-Wert ( $\mu\text{H}$ , codiert), Toleranz (codiert), Herstelldatum (codiert)

Lieferform: Blistergurt 8 mm, Rollenverpackung

Mustersortiment lieferbar (s. Seite 6)

Bestellnummer: B82422-X1



### SIMID 1210-T

- Size 1210 (EIA) and/or 3225 (IEC)
- Core material: ceramics or ferrite

Climatic category: 55/125/56

Terminals: Lead-free tinned

Solderability: IR, vapor phase, wave soldering

Marking: Manufacturer and series mark, L value ( $\mu\text{H}$ , coded), tolerance (coded), manufacturing date (coded)

Delivery mode: 8-mm blister tape, reel packing

Sample kit available (see page 6)

Ordering code: B82422-X1

| $L_R$<br>$\mu\text{H}^1$                        | Toleranz <sup>1)</sup><br>Tolerance <sup>1)</sup> | $Q_{\min}$ | $f_L; f_Q$<br>MHz | $I_R$<br>mA | $R_{\max}$<br>$\Omega$ | $f_{\text{res, min}}$<br>MHz | Bestellnummer <sup>2)</sup><br>Ordering code <sup>2)</sup><br>(Rolle/Reel $\varnothing$ 180 mm) |
|---|---|------------|-------------------|-------------|------------------------|------------------------------|---|
| Kernmaterial: Keramik / Core material: ceramics |   |            |                   |             |                        |                              |   |
| 0,010   | $\pm 5\% \cong J$                                 | 15         | 100               | 450         | 0,10                   | 4000                         | B82422-T3100+   |
| 0,012   | $\pm 10\% \cong K$                                | 17         | 100               | 450         | 0,11                   | 3500                         | B82422-T3120+   |
| 0,015   |   | 19         | 100               | 450         | 0,13                   | 3000                         | B82422-T3150+   |
| 0,018   |   | 21         | 100               | 450         | 0,14                   | 2000                         | B82422-T3180+   |
| 0,022   |   | 23         | 100               | 450         | 0,16                   | 2000                         | B82422-T3220+   |
| 0,027   |   | 23         | 100               | 450         | 0,17                   | 1700                         | B82422-T3270+   |
| 0,033   |   | 25         | 100               | 450         | 0,18                   | 1700                         | B82422-T3330+   |
| 0,039   |   | 25         | 100               | 450         | 0,19                   | 1300                         | B82422-T3390+   |
| 0,047   |   | 26         | 100               | 450         | 0,20                   | 1300                         | B82422-T3470+   |
| 0,056   |   | 26         | 100               | 450         | 0,21                   | 1100                         | B82422-T3560+   |
| 0,068   |   | 27         | 100               | 450         | 0,23                   | 1000                         | B82422-T3680+   |
| 0,082   |   | 27         | 100               | 450         | 0,26                   | 1000                         | B82422-T3820+   |
| 0,10  |   | 28         | 100               | 450         | 0,31                   | 900                          | B82422-T3101+   |
| Kernmaterial: Ferrit / Core material: ferrite   |   |            |                   |             |                        |                              |   |
| 0,12  | $\pm 5\% \cong J$                                 | 30         | 25,2              | 450         | 0,15                   | 900                          | B82422-T1121+   |
| 0,15  | $\pm 10\% \cong K$                                | 30         | 25,2              | 450         | 0,18                   | 700                          | B82422-T1151+   |
| 0,18  |   | 30         | 25,2              | 450         | 0,19                   | 500                          | B82422-T1181+   |
| 0,22  |   | 30         | 25,2              | 450         | 0,20                   | 500                          | B82422-T1221+   |
| 0,27  |   | 30         | 25,2              | 450         | 0,21                   | 500                          | B82422-T1271+   |
| 0,33  |   | 30         | 25,2              | 450         | 0,23                   | 500                          | B82422-T1331+   |
| 0,39  |   | 30         | 25,2              | 450         | 0,25                   | 400                          | B82422-T1391+   |
| 0,47  |   | 30         | 25,2              | 450         | 0,30                   | 400                          | B82422-T1471+   |
| 0,56  |   | 30         | 25,2              | 450         | 0,31                   | 300                          | B82422-T1561+   |
| 0,68  |   | 30         | 25,2              | 450         | 0,34                   | 300                          | B82422-T1681+   |
| 0,82  |   | 30         | 25,2              | 450         | 0,38                   | 300                          | B82422-T1821+   |
| 1,0   |   | 30         | 7,96              | 400         | 0,6                    | 300                          | B82422-T1102+   |
| 1,2   |   | 30         | 7,96              | 390         | 0,7                    | 250                          | B82422-T1122+   |



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| $L_R$<br>$\mu H$ <sup>1)</sup> | Toleranz <sup>1)</sup><br>Tolerance <sup>1)</sup> | $Q_{min}$ | $f_L; f_0$<br>MHz | $I_R$<br>mA | $R_{max}$<br>$\Omega$ | $f_{res, min}$<br>MHz | Bestellnummer <sup>2)</sup><br>Ordering code <sup>2)</sup><br>(Rolle/Reel $\varnothing$ 180 mm) |
|--------------------------------|---|-----------|-------------------|-------------|-----------------------|-----------------------|---|
| 1,5                            | $\pm 5\% \cong J$                                 | 30        | 7,96              | 370         | 0,7                   | 200                   | B82422-T1152+   |
| 1,8                            | $\pm 10\% \cong K$                                | 30        | 7,96              | 350         | 0,8                   | 140                   | B82422-T1182+   |
| 2,2                            |   | 30        | 7,96              | 320         | 0,8                   | 100                   | B82422-T1222+   |
| 2,7                            |   | 30        | 7,96              | 290         | 0,9                   | 70                    | B82422-T1272+   |
| 3,3                            |   | 30        | 7,96              | 260         | 1,2                   | 60                    | B82422-T1332+   |
| 3,9                            |   | 30        | 7,96              | 250         | 1,3                   | 60                    | B82422-T1392+   |
| 4,7                            |   | 30        | 7,96              | 220         | 1,5                   | 50                    | B82422-T1472+   |
| 5,6                            |   | 27        | 7,96              | 200         | 1,6                   | 45                    | B82422-T1562+   |
| 6,8                            |   | 27        | 7,96              | 180         | 1,8                   | 40                    | B82422-T1682+   |
| 8,2                            |   | 27        | 7,96              | 170         | 2,0                   | 35                    | B82422-T1822+   |
| 10                             |   | 27        | 2,52              | 150         | 2,1                   | 30                    | B82422-T1103+   |
| 12                             |   | 27        | 2,52              | 140         | 2,5                   | 25                    | B82422-T1123+   |
| 15                             |   | 27        | 2,52              | 130         | 2,8                   | 20                    | B82422-T1153+   |
| 18                             |   | 27        | 2,52              | 120         | 3,0                   | 20                    | B82422-T1183+   |
| 22                             |   | 27        | 2,52              | 110         | 3,5                   | 20                    | B82422-T1223+   |
| 27                             |   | 27        | 2,52              | 80          | 4,5                   | 20                    | B82422-T1273+   |
| 33                             |   | 27        | 2,52              | 70          | 5,6                   | 17                    | B82422-T1333+   |
| 39                             |   | 27        | 2,52              | 65          | 6,4                   | 16                    | B82422-T1393+   |
| 47                             |   | 27        | 2,52              | 60          | 7,0                   | 15                    | B82422-T1473+   |
| 56                             |   | 27        | 2,52              | 60          | 8,0                   | 12                    | B82422-T1563+   |
| 68                             |   | 27        | 2,52              | 60          | 9,0                   | 9                     | B82422-T1683+   |
| 82                             |   | 25        | 2,52              | 60          | 10                    | 9                     | B82422-T1823+   |
| 100                            |   | 20        | 0,796             | 60          | 11                    | 8                     | B82422-T1104+   |
| 120                            |   | 20        | 0,796             | 60          | 12                    | 8                     | B82422-T1124+   |
| 150                            |   | 20        | 0,796             | 50          | 17                    | 7                     | B82422-T1154+   |
| 180                            |   | 20        | 0,796             | 50          | 18                    | 7                     | B82422-T1184+   |
| 220                            |   | 20        | 0,796             | 45          | 22                    | 6                     | B82422-T1224+   |
| 270                            |   | 20        | 0,796             | 40          | 28                    | 5                     | B82422-T1274+   |
| 330                            |   | 20        | 0,796             | 40          | 34                    | 4                     | B82422-T1334+   |

1) Engere Toleranzen und Sonderbaufornen auf Anfrage. / Closer tolerances and special versions upon request.

2) +: Ersetzen durch Kennbuchstaben für die gewünschte Induktivitätstoleranz.

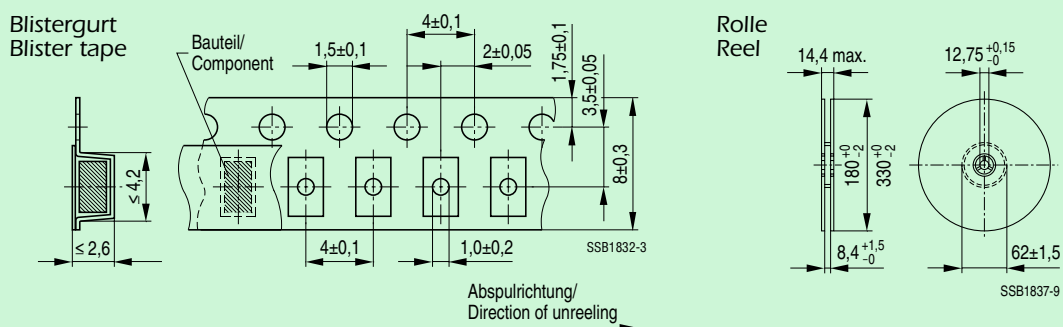
+: Replace by code letter for the required inductance tolerance.

Für Rollengröße  $\varnothing$  330 mm ist die Kennziffer »8« anzufügen. Beispiel: B82422-T3100-K8.

For reel size  $\varnothing$  330 mm append code number »8«. Example: B82422-T3100-K8.

### Gurtung und Verpackung

### Taping and packing



Verpackungseinheit: Rolle  $\varnothing$  180 mm = 2000 Stück / Rolle  $\varnothing$  330 mm = 8000 Stück  
 Packing unit: Reel  $\varnothing$  180 mm = 2000 pieces / Reel  $\varnothing$  330 mm = 8000 pieces