

April 3, 2020

PCN

Data sheet modification and new leadframe geometry for SIMID 1210-H

In the data sheet of the EPCOS SMT inductors SIMID 1210-H series B82422H*, the saturation current I_{sat} (typ. and min.) is introduced for all inductance values. For all types, the measuring frequency for the quality factor (f_Q) is adjusted to match the measuring frequency for the inductance (f_L). The quality factor values are updated.

In addition, a new leadframe geometry will be introduced for the inductance values from 100 μH to 680 μH to improve the reliability of the welding joint. The curves of quality factor, impedance and DC bias are updated in the data sheet.

Scheduled date of introduction: July 15, 2020

Scheduled date of deliveries: July 15, 2020

The new data sheet may be downloaded under
www.tdk-electronics.tdk.com/en/smt_inductors

Enclosure PCN (ID No. MAG-600140220)

Contact Leopoldo Bertossi, MAG IN PM, Munich

Customers are asked to address inquiries directly to their sales contacts.

TDK Electronics AG

Rosenheimer Strasse 141 e, 81671 Munich · Post: P.O.Box 80 17 09, 81617 Munich, Germany
Headquarters: Munich · Commercial register of the local court (Amtsgericht): Munich HRB 127250
Chairman of the Supervisory Board: Dr. Werner Faber
Management Board: Joachim Zichlarz, Chairman · Joachim Thiele · Dr. Werner Lohwasser
www.tdk-electronics.tdk.com

Inductors

Internal / External

200403IN2e

Product / Process Change Notification

1. ID No. MAG-600140220		2. Date of announcement April 3, 2020	
3. Product / product group SIMID 1210-H series	Old ordering code B82422H*	New ordering code B82422H*	Customer part number
4. Description of change <p>In the data sheet of the EPCOS SMT inductors SIMID 1210-H series B82422H*, the saturation current I_{sat} (typ. and min.) is introduced for all inductance values. For all types, the measuring frequency for the quality factor (fQ) is adjusted to match the measuring frequency for the inductance (fL). The quality factor values are updated.</p> <p>In addition, a new leadframe geometry will be introduced for the inductance values from 100 μH to 680 μH to improve the reliability of the welding joint. The curves of quality factor, impedance and DC bias are updated in the data sheet.</p>			
5. Effect on the product or for the customer (benefit, quality, specification, lead time) <p>Range 1 μH to 68 μH: The measuring frequency of inductance and Q will be the same in the testing process. There is no change to the product design nor to the material.</p> <p>Range 100 μH to 680 μH: Improved welding joint.</p>			
6. Quality assurance measures / risk assessment <p>All quality assurance measures remain unchanged.</p> <p>For the range 100 μH to 680 μH, AEC-Q200 qualification is passed.</p>			
7. Scheduled date of change July 15, 2020			
8. Estimated date of first delivery of changed product July 15, 2020 <p>If TDK Electronics AG does not receive notification to the contrary within a period of 10 weeks, TDK Electronics AG assumes that the customer agrees to the change.</p> <p><input type="checkbox"/> For an interim period we cannot rule out that old as well as new products will be shipped.</p> <p><input type="checkbox"/> Future shipments can consist of old and new products as the new changed product is used as an alternative to the old product.</p>			
Quality Management Name Wolfgang Woitsch		Signature Signed Woitsch	
Product Marketing Name Leopoldo Bertossi Tel. +49 54020 2742 E-mail leopoldo.bertossi@tdk-electronics.tdk.com		Signature Signed L. Bertossi	

Customer feedback	
Customer acknowledgement	Signature