IHCM-2321AA-10 Common Mode Choke Datasheet Update

For further information, please contact your regional Vishay office.

CONTACT INFORMATION

Americas

Vishay Intertechnology, Inc
1505 E HWY 50
-
Yankton SD United States 57078
Phone: 1 605-665-9301
Fax: 1 605-665-1627
mariya.sachek@vishay.com

Europe

Vishay Electronic GmbH
Dr.-Felix-Zandman-Platz 1
-
Selb Germany 95100
Phone: 49-9287-71-2282
Fax: 49-9287-71-2496
jens.walther@vishay.com

Asia

Vishay Asia Pte Ltd.
25 Tampines Street 92
Keppel Building #02-00
Singapore Singapore 528877
Phone: +65-788-6668
Fax: +65-788-3383
victor.goh@vishay.com

Description of Change: The datasheet dimensions of the IHCM-2321AA-10 common mode choke series are being corrected to more accurately reflect the typical dimensions observed in production. Maximum storage temperature is being increased to 155°C. (Max operating temperature and part design remains unchanged.) A complete description of the changes is shown under “Product Identification" on the following page.
THIS IS AN INFORMATION CHANGE NOTICE ONLY. No action needed.

Classification of Change: Datasheet Correction

Expected Influence on Quality/Reliability/Performance: May potentially affect how the customer designs the board layout. The part itself has not changed.

Part Numbers/Series/Families Affected: IHCM2321AAEG900N10, IHCM2321AAEG121N10, IHCM2321AAEG251N10, IHCM2321AAEG301N10, IHCM2321AAEG481N10

Vishay Brand(S): Vishay,Vishay Dale

Time Schedule:
Start Shipment Date: Mon Mar 13, 2023

Sample Availability: N/A

Product Identification: Please see the following page

Qualification Data: N/A

Issued By: Mariya Sachek, Product Marketing Manager, mariya.sachek@vishay.com

PRODUCT IDENTIFICATION: Changes covered by this Product Notification Notice are highlighted below.

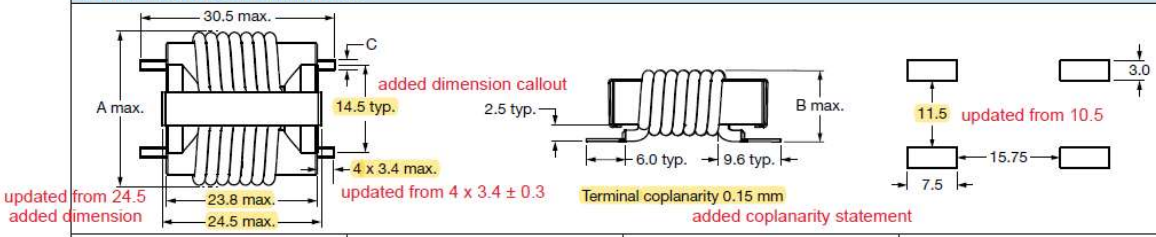
Notes

- All test data is referenced to 25°C ambient
- Storage temperature range -55 °C to +155 °C updated from 125C
- Operating temperature range -40 °C to +155 °C
- The part temperature (ambient + temp. rise) should not exceed 155 °C under worst case operating conditions. Circuit design, component placement, PWB trace size and thickness, airflow and other cooling provisions all affect the part temperature. Part temperature should be verified in the end application
- All data presented are preliminary and subject to change

(1) DC current (A) that will cause an approximate ΔT of 40 °C

(2) DC current (A) that will cause L_0 to drop approximately 30 %

DIMENSIONS in millimeters



PART NUMBER	A MAX. (mm)	B MAX. (mm)	C ± 0.2 (mm)
IHCM2321AAEG900N10	25.5	12.0	2.4
IHCM2321AAEG121N10	25.0 updated from 25.5	11.5 updated from 11.0	2.2
IHCM2321AAEG251N10	24.5	11.0 updated from 10.5	1.8
IHCM2321AAEG301N10	24.0	10.5	1.6
IHCM2321AAEG481N10	23.5	9.5	1.5

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