



Product Change Notification



Product Group: Vishay Dale/October 6, 2016/PCN-DI-292-2016 Rev 1

IHCL-4040DZ-5A 4.7µH data changes

DESCRIPTION OF CHANGE: The Vishay IHCL-4040DZ-5A 4.7µH is undergoing data sheet changes due to changes to the internal coil. See table below.

Prior to 10/6/2016

STANDARD ELECTRICAL SPECIFICATIONS					
	L ₀ INDUCTANCE ± 20 % AT 100 kHz, 0.25 V, 0 A (µH)	DCR NOM. 25 °C (mΩ)	DCR MAX. 25 °C (mΩ)	HEAT RATING CURRENT DC TYP. (A) ⁽³⁾	SATURATION CURRENT DC TYP. (A) ⁽⁴⁾
L ₁₋₂	4.7	28.0	30.0	6.2	9.0
L ₃₋₄	4.7	27.0	28.7	6.5	11.5
L ₁₋₄ (L ₂₋₃ shorted)	19	55.0	58.7	4.3	3.7
L ₁₋₃ (L ₂₋₄ shorted)	0.6	55.0	58.7	4.3	See note ⁽⁵⁾
L _{Common Mode} (1-3 and 2-4 shorted)	4.7	14.0	14.5	10.5	9.5
L _{Differential Mode} (1-4 and 2-3 shorted)	0.0	14.0	14.5	10.5	See note ⁽⁵⁾

After 10/6/2016

STANDARD ELECTRICAL SPECIFICATIONS					
	L ₀ INDUCTANCE ± 20 % AT 100 kHz, 0.25 V, 0 A (µH)	DCR NOM. 25 °C (mΩ)	DCR MAX. 25 °C (mΩ)	HEAT RATING CURRENT DC TYP. (A) ⁽³⁾	SATURATION CURRENT DC TYP. (A) ⁽⁴⁾
L ₁₋₂	4.7	30.5	33	6.1	7.2
L ₃₋₄	4.7	30.5	33	6.1	9.2
L ₁₋₄ (L ₂₋₃ shorted)	19	61	65	4	3
L ₁₋₃ (L ₂₋₄ shorted)	0.6	61	65	4	See note ⁽⁵⁾
L _{Common Mode} (1-3 and 2-4 shorted)	4.7	15.25	16.2	10	8
L _{Differential Mode} (1-4 and 2-3 shorted)	0.0	15.25	16.2	10	See note ⁽⁵⁾

CLASSIFICATION OF CHANGE: Form Fit Function

REASON FOR CHANGE: Internal coil has been redesigned

EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE: N/A

PRODUCT CATEGORY: Inductors

PART NUMBERS/SERIES/FAMILIES AFFECTED: IHCL4040DZER4R7M5A

VISHAY BRAND(s): Vishay Dale

TIME SCHEDULE:

Start Shipment Date: 10/6/2016

Last Time Buy Date: N/A

Last Time Shipment Date: N/A

SAMPLE AVAILABILITY: N/A

PRODUCT IDENTIFICATION: N/A

QUALIFICATION DATA: N/A

This PCN is considered approved, without further notification, unless we receive specific customer concerns or as specified by contract.

ISSUED BY: Doug Lillie, Sr. Product Marketing Manager

For further information, please contact your regional Vishay office.

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Procedure #



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