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Product Termination Notification



Product Group: DI/Monday September 8, 2025/PTN-DI-00691-2025-REV-0

End of Life for Vishay IHCM Common Mode Chokes

For further information, please contact your regional Vishay office.

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Description of Change: Vishay is obsoleting the IHCM line of high current common mode chokes, effective immediately. No last time buy will be available. Vishay has developed a footprint compatible, drop-in replacement with some deviation in electrical and mechanical specifications.

For last time buy, we advise customers to purchase from Vishay's various franchised distributors. Existing inventory can be viewed here:
<https://www.vishay.com/search/?type=inv&query=ihcm>

STANDARD SERIES DATASHEETS:

IHCM-2321AA-10 series (obsolete): <https://www.vishay.com/docs/34560/ihcm-2321aa-10.pdf>

ICMS2321-10 series (suggested drop-in replacement): <https://www.vishay.com/docs/34675/icms2321-10.pdf>

Reason for Change: Supplier discontinued core material and supply is no longer available.

Expected Influence on Quality/Reliability/Performance: The recommended drop-in replacement has some deviation in electrical performance: higher DCR and lower heat current rating, but improved saturation current rating, 40% higher common mode impedance and higher max operating temp. The SMD version ("EG" package code) is footprint compatible with the original IHCM-2321AA-10 series with minor changes in width and length, but a significant height increase. If height is an issue, the THT version ("EH" package code) could be used. The new part uses a new magnetic core, a 1-piece construction instead of the 2-piece IHCM, which improves its reliability and thermal stability. See the following pages for detailed comparison of the original IHCM-2321AA-10 and new ICMS2321-10 replacement.

Part Numbers/Series/Families Affected: Please see materials list on the succeeding page.

Vishay Brand(S): Vishay Dale

Time Schedule:

Last Time Buy Date: Monday September 15, 2025

Last Time Ship Date: Friday October 31, 2025

Sample Availability: Available upon request. Please reach out to local sales, customer service, or marketing contact for samples.

Product Identification: Replacement part uses a new part number with new family designation ("ICMS" vs. original "IHCM")



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Qualification Data: Available upon request

This PTN is considered approved, without further notification, unless we receive specific customer concerns before Sunday October 5, 2025 or as specified by contract.

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



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IHCM1716AZEG220M5A	IHCM1716ER350NTVA	IHCM1916AZEG500N5A	IHCM1916ER101NA	IHCM1916ER600NTVA
IHCM2021AIEU350N1A	IHCM2021BAEQ350N1A	IHCM2221AIEU460N1A	IHCM2321AAEG121N10	IHCM2321AAEG121N1A
IHCM2321AAEG251N10	IHCM2321AAEG251N1A	IHCM2321AAEG301N10	IHCM2321AAEG301N1A	IHCM2321AAEG481N10
IHCM2321AAEG481N1A	IHCM2321AAEG900N10	IHCM2321AAEG900N1A	IHCM2321AAEH121N10	IHCM2321AAEN121N10
IHCM2321AAEN121N1A	IHCM2321AAEN251N10	IHCM2321AAEN251N1A	IHCM2321AAEN301N10	IHCM2321AAEN301N1A
IHCM2321AAEN481N10	IHCM2321AAEN481N1A	IHCM2321AAEN900N10	IHCM2321AAEN900N1A	IHCM2321ABEN481N10
IHCM2321ABEN481N1A	IHCM2321ABET481N10	IHCM2321ATEG900N10	IHCM2321BCET900M1A	IHCM2321EB01A
IHCM2321ER101NA	IHCM2321ER201NA	IHCM2321ER301NA	IHCM2321ER401NA	IHCM2321ER750NA
IHCM2734ACEH102N1A	IHCM2734BBEG103N3A	IHCM2740ACES102N1A	IHCM2740ER681NHA	IHCM3028BBEF101N3A
IHCM3028BBEG101N3A	IHCM3030AFEG102N	IHCM3030AFEG102N3A	IHCM3030AFEZ102N	IHCM3030AFEZ102N3A
IHCM3030AGEG102N30	IHCM3030AGEG152N30	IHCM3030AGEG251N30	IHCM3030AGEG561N30	IHCM3030EB01A
IHCM3032CZEQ500M8A	IHCM4751BDEH112N40	IHCM4751BDEH142N40	IHCM4751BDEH172N40	IHCM4751BDEH351N40
IHCM4751BDEH501N40	IHCM4751BDEH691N40	IHCM4751BDEH901N40		

Performance Overview

	OBSOLETE PART	NEW PART
Parameter	IHCM-2321AA-10 Series	ICMS2321-10 Series
Magnetic core	2-piece ferrite core	1-piece ferrite core
DCR	See datasheet	0 to 50% higher
Heat Current Rating	See datasheet	0 to 50% lower
Saturation Current (ISAT)	See datasheet	2x higher
Dielectric withstand voltage (DWV) rating	1500Vdc	SAME
Test condition (for L and Z)	100kHz, 0.25V, 0A	SAME
Operating Temperature	-55 to 125°C	-40 to 150°C
Peak Frequency / SRF	1-2MHz	SAME
Common Mode Impedance	See datasheet	40% higher
Reliability	GOOD	BETTER
Footprint	30.5 x 25.5 mm	29.7 x 27.7 mm
Height	10 to 12.5mm	15.5 to 17.5mm
Pad layout	SAME	SAME
Pick-and-place clip material	Aluminum	Plastic polymer

OBSOLETE

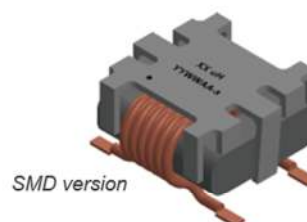
IHCM-2321AA-10



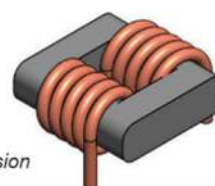
No THT version available

NEW

ICMS2321-10



SMD version



THT version

Comparison Of Electrical Specifications

STANDARD ELECTRICAL SPECIFICATIONS												
PART NUMBER	L _o INDUCTANCE ± 30% (μH)	DCR 25 °C (mΩ)		COMMON MODE IMPEDANCE ± 30% TYP. (Ω)			HEAT RATING CURRENT DC TYP. (A) ¹		SATURATION CURRENT DC AT 25°C TYP. (A)	LEAK. (μH) MAX.	TERM. STYLE	
		TYP.	MAX.	1 MHz	10 MHz	100 MHz	40°C rise	100°C rise	30% drop			
OBSOLETE PART	IHCM2321AAEG900N10	90		1.5		380		31		35	2.5	SMT
Replacement #1	ICMS2321AGEG700N10	70	1.3	1.5	540	345	220	20	30	70	1.7	SMT
Replacement #2	ICMS2321AGEG101N10	100	1.9	2.1	780	600	240	18	26	70	2.4	SMT
OBSOLETE PART	IHCM2321AAEG121N10	120		1.8		480		25		28	3.5	SMT
Replacement #1	ICMS2321AGEG101N10	100	1.9	2.1	780	600	240	18	26	57	2.4	SMT
OBSOLETE PART	IHCM2321AAEG251N10	250		5		850		14		19	7.5	SMT
Replacement #1	ICMS2321AGEG281N10	280	6.6	7.4	2240	1230	380	10	15	36	6.7	SMT
OBSOLETE PART	IHCM2321AAEG301N10	300		7		900		10		17	8	SMT
Replacement #1	ICMS2321AGEG281N10	280	6.6	7.4	2240	1230	380	10	15	36	6.7	SMT
OBSOLETE PART	IHCM2321AAEG481N10	480		12.5		1200		8		13	14	SMT
Replacement #1	ICMS2321AGEG481N10	480	13.4	15.0	3790	1920	410	7	10	26	11.5	SMT

Mechanical Comparison:

IHCM-2321AA-10 (obsolete part)

DIMENSIONS in millimeters			
30.5 max. A max. 2 1 3 4 C 14.5 typ. 4 x 4.0 max. 23.8 max. 24.5 max. 2.5 typ. 6.0 typ. 9.6 typ. B max. Terminal coplanarity 0.15 mm 11.5 15.75 7.5 3.0 1 4 2 3			
PART NUMBER	A MAX. (mm)	B MAX. (mm)	C ± 0.3 (mm)
IHCM2321AAEG900N10	25.5	12.5	2.4
IHCM2321AAEG121N10	25.0	11.5	2.2
IHCM2321AAEG251N10	24.5	11.0	1.8
IHCM2321AAEG301N10	24.0	10.5	1.6
IHCM2321AAEG481N10	23.5	10.0	1.5

ICMS2321-10 (replacement part, only SMD version shown)

DIMENSIONS in millimeters			
SURFACE-MOUNT STYLE ⁽¹⁾			
4.0 max. 4x A C 4x 2 1 3 4 XX uH YYWWAA-x 3.6 ± 0.75 14.5 ± 0.50 2x (1.57) 21.7 ± 0.3 23.3 ± 0.3 (26.40) 4.0 max. 4x B 4.0 min. 4x flatten ends 29.7 ± 0.8 4x plating length 5.2 mm min. 1.50 30.75 14.50 (15.75) (7.5) 3.0 Typical Pad Layout			
PART NUMBER	A MAX.	B ± 0.2 mm	C MAX.
ICMS2321AGEG700N10	27.7	17.5	2.2
ICMS2321AGEG101N10	27.3	17.2	2.2
ICMS2321AGEG281N10	26.1	15.65	1.5
ICMS2321AGEG481N10	25.8	15.5	1.5