

NO: CON – 107A	PRODUCT: XH2 Series – Board to Board Connectors
DATE: February 2026	TYPE: DISCONTINUATION

DISCONTINUATION

XH2 Series - Board to Board Connectors

In an effort to streamline our product offering and focus on popular models within Omron’s portfolio of Connectors, Omron will discontinue **all** models of the XH2 Series of Board to Board Connectors; effective February 26, 2027. There are no direct replacements. However, for **new** circuit designs, Omron suggests consideration of the XH3 series of Board to Board Connectors: Replacement models vary by connector dimensions and mounting dimensions. The XH3 connectors will not mate with legacy XH2 connectors. The following notice will list the models affected and explain the discontinuation; should you have any questions, however, please communicate with the Connector Product Manager.

Last Order Date (Last Time Buy Date)

End of February 2027 (Friday, February 26, 2027)

<u>Discontinued Models</u>	<u>Suggested Replacement</u>
Board to Board Connectors	Board to Board Connectors
<p>XH2A-□□41(-A)</p> <p>XH2A-□□42</p> <p>XH2A-□□42-A ※Except 20 poles XH2A-2042-A ※20 poles</p> <p>-----</p> <p>XH2B-□□41(-A)</p> <p>XH2B-□□42 ※Except 40&50 poles XH2B-□□42-A ※Except 20&40&50 poles</p> <p>XH2B-4042(-A) ※40&50 poles XH2B-5042(-A) ※40&50 poles XH2B-2042-A ※20 poles</p>	<p>XH3A-□□41</p> <p>No recommended replacement</p> <p>XH3A-□□42-A No recommended replacement</p> <p>-----</p> <p>XH3B-□□41</p> <p>No recommended replacement XH3B-□□42-A</p> <p>XH3B-4042 XH3B-5042 No recommended replacement</p>

NOTE 1: This notification applies to all XH2 models.

NOTE 2: The suggested XH3 replacements will not mate with legacy XH2 connectors.

NOTE 2: Please use careful consideration when evaluating the suggested replacements for new designs.

Differences from discontinued product:

Suggested Replacement Model	Body Color	Dimensions	Wire connection	Mounting Dimensions	Characteristics	Operation ratings	Operation methods
XH3A-□□41	*	*	--	**	**	**	**
XH3A-□□42-A (*Except 20 poles)	*	*	--	--	**	**	**
XH3B-□□41 XH3B-□□42 (*40 & 50 poles)	*	*	--	**	**	**	**

** : Compatible
 * : The change is a little/Almost compatible
 -- : Not compatible
 - : No corresponding specification

List of Discontinued Models:

Including but not limited to the following available part numbers.

Discontinued Models (XH2A)	Suggested Replacements (XH3A)
XH2A-0141	XH3A-0141
XH2A-0141-A	XH3A-0142-A
XH2A-0142	None
XH2A-0142-A	XH3A-0142-A
XH2A-2041	XH3A-2041
XH2A-2041-A	XH3A-2041
XH2A-2042	None
XH2A-2042-A	None
XH2A-3041	XH3A-3041
XH2A-3041-A	XH3A-3041
XH2A-3042	XH3A-3042-A
XH2A-3042-A	None
XH2A-4041	XH3A-4041
XH2A-4041-A	XH3A-4041
XH2A-4042	None
XH2A-4042-A	XH3A-4042-A
XH2A-5041	XH3A-5041
XH2A-5041-A	XH3A-5041
XH2A-5042	None
XH2A-5042-A	XH3B-5042
XH2A-6041	XH3A-6041
XH2A-6041-A	XH3A-6041
XH2A-6042	None
XH2A-6042-A	XH3A-6042-A
XH2A-6841	XH3A-6841
XH2A-6841-A	XH3A-6841
XH2A-6842	None
XH2A-6842-A	XH3A-6842-A
XH2A-8041	XH3A-8041
XH2A-8041-A	XH3A-8041
XH2A-8042	None
XH2A-8042-A	XH3A-8042-A

Discontinued Models (XH2B)	Suggested Replacements (XH3B)
XH2B-0141	XH3B-0141
XH2B-0141-A	XH3B-0141
XH2B-0142	None
XH2B-0142-A	XH3B-0142-A
XH2B-2041	XH3B-2041
XH2B-2041-A	XH3B-2041
XH2B-2042	None
XH2B-2042-A	None
XH2B-3041	XH3B-3041
XH2B-3041-A	XH3B-3041
XH2B-3042	None
XH2B-3042-A	XH3B-3042-A
XH2B-4041	XH3B-4041
XH2B-4041-A	XH3B-4041
XH2B-4042	XH3B-4042
XH2B-4042-A	XH3B-4042
XH2B-5041	XH3B-5041
XH2B-5041-A	XH3B-5041
XH2B-5042	XH3B-5042
XH2B-5042-A	XH3B-5042
XH2B-6041	XH3B-6041
XH2B-6041-A	XH3B-6041
XH2B-6042	None
XH2B-6042-A	XH3B-6042-A
XH2B-6841	XH3B-6841
XH2B-6841-A	XH3B-6841
XH2B-6842	None
XH2B-6842-A	XH3B-6842-A
XH2B-8041	XH3B-8041
XH2B-8041-A	XH3B-8041
XH2B-8042	None
XH2B-8042-A	XH3B-8042-A

Dimensions – XH2A vs XH3A

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Dimensions – XH2B vs XH3B

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80	58.1	56.7	49.53	56.64																																																																																																						
100	70.8	69.4	62.23	69.34																																																																																																						
120	83.5	82.1	74.93	82.04																																																																																																						
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PCB Layout - - XH2A-A / XH2B-A vs XH3A-A / XH3B-A

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“-A” versions have integral fastening pins. The dimensional positioning of those, XH2 vs XH3, is different. Otherwise, the terminal drill planes and terminal hole positions are the same. Please, consider all dimensions carefully.

Appearance and Internal Mating Shape

Discontinued Product	Suggested Replacements
<p data-bbox="354 172 581 199">XH2A / XH2B series</p> <p data-bbox="121 214 272 241">Color : BLACK</p> <div data-bbox="224 256 657 394"> </div> <div data-bbox="279 441 344 468">XH2A</div> <div data-bbox="539 441 604 468">XH2B</div>	<p data-bbox="1052 172 1279 199">XH3A / XH3B series</p> <p data-bbox="841 214 992 241">Color : GRAY</p> <div data-bbox="945 256 1404 394"> </div> <div data-bbox="993 441 1058 468">XH3A</div> <div data-bbox="1269 441 1334 468">XH3B</div>
<p data-bbox="121 493 393 550">Mating shape Mating shape is D shape.</p> <div data-bbox="181 592 613 703"> <p data-bbox="181 592 246 619">XH2A</p> </div> <div data-bbox="181 745 613 856"> <p data-bbox="181 745 246 772">XH2B</p> </div>	<p data-bbox="841 493 992 550">Mating shape Unique</p> <div data-bbox="896 592 1312 703"> <p data-bbox="896 592 961 619">XH3A</p> </div> <div data-bbox="896 745 1312 856"> <p data-bbox="896 745 961 772">XH3B</p> </div> <p data-bbox="841 877 1513 982">The internal mating shape is different between XH2 and XH3. Please ensure that for new designs, corresponding connectors are chosen from XH3A & XH3B. (1 each)</p>

* Sales teams should communicate this discontinuation with their OEM's and CEM's.
For further technical support and any questions, please communicate with Product Marketing.

Specifications in this product news are as of the issue date and are subject to change without notice.
Only main changes in specifications are described in this document. Please be sure to read the relevant catalogs, datasheets, product specifications, instructions, and manuals for precautions and necessary information when using products.

This PCN is intended for use in the Americas

Last time buy dates are subject to change based on availability

Internal Product code
XH2A0002E
XH2A0010F
XH2A0011D
XH2A6041R
XH2A0005M
XH2A6042G
XH2A0013M
XH2B0010M
XH2B0002M
XH2B0003H
XH2B0004F
XH2B6041C
XH2B0013E
XH2A0141B
XH2A0007F
XH2A0142M
XH2A0015G
XH2A2041G
XH2A0001G
XH2A2042E
XH2A0009B
XH2A3041B
XH2A3042M
XH2A4041H
XH2A0003C
XH2A4042F
XH2A5041C
XH2A0004A
XH2A5042A
XH2A0012B
XH2A6841M
XH2A0008D
XH2A6842H
XH2A0016E

XH2A8041M
XH2A0006H
XH2A8042H
XH2A0014R
XH2B0141G
XH2B0015A
XH2B0142E
XH2B0007M
XH2B2041A
XH2B0009G
XH2B2042M
XH2B0001A
XH2B3041G
XH2B3042E
XH2B4041B
XH2B0011R
XH2B4042M
XH2B5041H
XH2B0012G
XH2B5042F
XH2B6042A
XH2B0005D
XH2B6841D
XH2B0016M
XH2B6842B
XH2B0008R
XH2B8041D
XH2B0014C
XH2B8042B
XH2B0006B

NOTE 1: This notification applies to

NOTE 2: The suggested XH3 replace

NOTE 2: Please use careful consid

Discontinued Models	Notes regarding Discontinued Items
XH2A-3041-A	Set up in the system - these will be discontinued.
XH2A-3042-A	
XH2A-4042-A	
XH2A-6041	
XH2A-6041-A	
XH2A-6042	
XH2A-6042-A	
XH2B-3041-A	
XH2B-3042-A	
XH2B-4042-A	
XH2B-5042-A	
XH2B-6041	
XH2B-6041-A	
XH2A-0141	
XH2A-0141-A	
XH2A-0142	
XH2A-0142-A	
XH2A-2041	
XH2A-2041-A	
XH2A-2042	
XH2A-2042-A	
XH2A-3041	
XH2A-3042	
XH2A-4041	
XH2A-4041-A	
XH2A-4042	
XH2A-5041	
XH2A-5041-A	
XH2A-5042	
XH2A-5042-A	
XH2A-6841	
XH2A-6841-A	
XH2A-6842	
XH2A-6842-A	

XH2A-8041
XH2A-8041-A
XH2A-8042
XH2A-8042-A
XH2B-0141
XH2B-0141-A
XH2B-0142
XH2B-0142-A
XH2B-2041
XH2B-2041-A
XH2B-2042
XH2B-2042-A
XH2B-3041
XH2B-3042
XH2B-4041
XH2B-4041-A
XH2B-4042
XH2B-5041
XH2B-5041-A
XH2B-5042
XH2B-6042
XH2B-6042-A
XH2B-6841
XH2B-6841-A
XH2B-6842
XH2B-6842-A
XH2B-8041
XH2B-8041-A
XH2B-8042
XH2B-8042-A

Internal Product code	JDE Part Number	Suggested Replacements
XH3A3041F		XH3A-3041
None		None
XH3A0054A		XH3A-4042-A
XH3A6041B		XH3A-6041
XH3A6041B		XH3A-6041
None		None
XH3A0055M		XH3A-6042-A
XH3B3041M		XH3B-3041
XH3B0069D	XH3B3042A	XH3B-3042-A
XH3B0134H		XH3B-4042
XH3B0102M		XH3B-5042
XH3B6041G		XH3B-6041
XH3B6041G		XH3B-6041
XH3A0141F		XH3A-0141
XH3A0050R	XH3A0142A	XH3A-0142-A
None		None
XH3A0050R	XH3A0142A	XH3A-0142-A
XH3A2041M		XH3A-2041
XH3A2041M		XH3A-2041
None		None
None		None
XH3A3041F		XH3A-3041
XH3A0053C	XH3A3042A	XH3A-3042-A
XH3A4041A	XH3A4041	XH3A-4041
XH3A4041A	XH3A4041	XH3A-4041
None		None
XH3A5041G		XH3A-5041
XH3A5041G		XH3A-5041
None		None
XH3B0102M		XH3B-5042
XH3A6841C		XH3A-6841
XH3A6841C		XH3A-6841
None		None
XH3A0056H		XH3A-6842-A

XH3A8041C		XH3A-8041
XH3A8041C		XH3A-8041
None		None
XH3A0049E		XH3A-8042-A
XH3B0141M		XH3B-0141
XH3B0141M		XH3B-0141
None		None
XH3B0073B	XH3B0142A	XH3B-0142-A
XH3B2041E		XH3B-2041
XH3B2041E		XH3B-2041
None		None
None		None
XH3B3041M		XH3B-3041
None		None
XH3B4041F	XH3B4041	XH3B-4041
XH3B4041F	XH3B4041	XH3B-4041
XH3B0134H		XH3B-4042
XH3B5041A		XH3B-5041
XH3B5041A		XH3B-5041
XH3B0102M		XH3B-5042
None		None
XH3B0071F	XH3B6042A	XH3B-6042-A
XH3B6841H		XH3B-6841
XH3B6841H		XH3B-6841
None		None
XH3B0072D		XH3B-6842-A
XH3B8041H		XH3B-8041
XH3B8041H		XH3B-8041
None		None
XH3B0066M	XH3B8042A	XH3B-8042-A