

| | |
|----------------------------|--|
| NO: CON - 107 | 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 March 31, 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 March 2027 (March 31, 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

| Discontinued Product | Suggested Replacements | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--------------------------------|-------|-------|-------|---|-----------------|--|--|--|--|----|------|-------|------|-------|----|------|-------|------|-------|----|------|-------|------|-------|----|------|-------|------|-------|----|------|-------|------|-------|----|------|-------|------|-------|----|------|-------|------|-------|-----|------|-------|------|-------|---|-----------------|---|---|---|---|-----------------|--|--|--|--|----|------|------|-------|-------|----|------|------|-------|-------|----|------|------|-------|-------|----|------|------|-------|-------|----|------|------|-------|-------|----|------|------|-------|-------|-----|------|------|-------|-------|-----|------|------|-------|-------|-----|------|------|-------|-------|
| XH2A-□□41 / XH2A-□□41-A | XH3A-□□41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>The longitudinal direction is different. (A & C) is different.</p> <p>Dimensions</p> <table border="1"> <thead> <tr> <th>Dimensions (mm)</th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> </tr> </thead> <tbody> <tr> <td>No. of contacts</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>20</td> <td>25.4</td> <td>19.05</td> <td>15.8</td> <td>11.43</td> </tr> <tr> <td>30</td> <td>31.8</td> <td>25.40</td> <td>22.2</td> <td>17.78</td> </tr> <tr> <td>40</td> <td>38.1</td> <td>31.75</td> <td>28.5</td> <td>24.13</td> </tr> <tr> <td>50</td> <td>44.5</td> <td>38.10</td> <td>34.9</td> <td>30.48</td> </tr> <tr> <td>60</td> <td>50.8</td> <td>44.45</td> <td>41.2</td> <td>36.83</td> </tr> <tr> <td>68</td> <td>55.9</td> <td>49.53</td> <td>46.3</td> <td>41.91</td> </tr> <tr> <td>80</td> <td>63.5</td> <td>57.15</td> <td>53.9</td> <td>49.53</td> </tr> <tr> <td>100</td> <td>76.2</td> <td>69.85</td> <td>66.6</td> <td>62.23</td> </tr> </tbody> </table> | Dimensions (mm) | A | B | C | D | No. of contacts | | | | | 20 | 25.4 | 19.05 | 15.8 | 11.43 | 30 | 31.8 | 25.40 | 22.2 | 17.78 | 40 | 38.1 | 31.75 | 28.5 | 24.13 | 50 | 44.5 | 38.10 | 34.9 | 30.48 | 60 | 50.8 | 44.45 | 41.2 | 36.83 | 68 | 55.9 | 49.53 | 46.3 | 41.91 | 80 | 63.5 | 57.15 | 53.9 | 49.53 | 100 | 76.2 | 69.85 | 66.6 | 62.23 | <p>The longitudinal direction is different. (A & B) is different.</p> <p>Dimensions</p> <table border="1"> <thead> <tr> <th>Dimensions (mm)</th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> </tr> </thead> <tbody> <tr> <td>No. of contacts</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>20</td> <td>20.0</td> <td>18.7</td> <td>11.43</td> <td>18.54</td> </tr> <tr> <td>30</td> <td>26.4</td> <td>25.1</td> <td>17.78</td> <td>24.89</td> </tr> <tr> <td>40</td> <td>32.7</td> <td>31.4</td> <td>24.13</td> <td>31.24</td> </tr> <tr> <td>50</td> <td>39.1</td> <td>37.8</td> <td>30.48</td> <td>37.59</td> </tr> <tr> <td>60</td> <td>45.4</td> <td>44.1</td> <td>36.83</td> <td>43.94</td> </tr> <tr> <td>68</td> <td>50.5</td> <td>49.2</td> <td>41.91</td> <td>49.02</td> </tr> <tr> <td>80</td> <td>58.1</td> <td>56.8</td> <td>49.53</td> <td>56.64</td> </tr> <tr> <td>100</td> <td>70.8</td> <td>69.5</td> <td>62.23</td> <td>69.34</td> </tr> <tr> <td>120</td> <td>83.5</td> <td>82.2</td> <td>74.93</td> <td>82.04</td> </tr> </tbody> </table> | Dimensions (mm) | A | B | C | D | No. of contacts | | | | | 20 | 20.0 | 18.7 | 11.43 | 18.54 | 30 | 26.4 | 25.1 | 17.78 | 24.89 | 40 | 32.7 | 31.4 | 24.13 | 31.24 | 50 | 39.1 | 37.8 | 30.48 | 37.59 | 60 | 45.4 | 44.1 | 36.83 | 43.94 | 68 | 50.5 | 49.2 | 41.91 | 49.02 | 80 | 58.1 | 56.8 | 49.53 | 56.64 | 100 | 70.8 | 69.5 | 62.23 | 69.34 | 120 | 83.5 | 82.2 | 74.93 | 82.04 |
| Dimensions (mm) | A | B | C | D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| No. of contacts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | 25.4 | 19.05 | 15.8 | 11.43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | 31.8 | 25.40 | 22.2 | 17.78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 | 38.1 | 31.75 | 28.5 | 24.13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50 | 44.5 | 38.10 | 34.9 | 30.48 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 60 | 50.8 | 44.45 | 41.2 | 36.83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 68 | 55.9 | 49.53 | 46.3 | 41.91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | 63.5 | 57.15 | 53.9 | 49.53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100 | 76.2 | 69.85 | 66.6 | 62.23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dimensions (mm) | A | B | C | D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| No. of contacts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | 20.0 | 18.7 | 11.43 | 18.54 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | 26.4 | 25.1 | 17.78 | 24.89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 | 32.7 | 31.4 | 24.13 | 31.24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50 | 39.1 | 37.8 | 30.48 | 37.59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 60 | 45.4 | 44.1 | 36.83 | 43.94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 68 | 50.5 | 49.2 | 41.91 | 49.02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | 58.1 | 56.8 | 49.53 | 56.64 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100 | 70.8 | 69.5 | 62.23 | 69.34 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 120 | 83.5 | 82.2 | 74.93 | 82.04 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| XH2A-□□42 / XH2A-□□42-A | XH3A-□□42 / XH3A-□□42-A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>The longitudinal direction is different. (A & C) Pitch of hole to hole for attach fixed pin is different. (B)</p> <p>Dimensions</p> <table border="1"> <thead> <tr> <th>Dimensions (mm)</th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> </tr> </thead> <tbody> <tr> <td>No. of contacts</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>20</td> <td>25.4</td> <td>19.05</td> <td>15.8</td> <td>11.43</td> </tr> <tr> <td>30</td> <td>31.8</td> <td>25.40</td> <td>22.2</td> <td>17.78</td> </tr> <tr> <td>40</td> <td>38.1</td> <td>31.75</td> <td>28.5</td> <td>24.13</td> </tr> <tr> <td>50</td> <td>44.5</td> <td>38.10</td> <td>34.9</td> <td>30.48</td> </tr> <tr> <td>60</td> <td>50.8</td> <td>44.45</td> <td>41.2</td> <td>36.83</td> </tr> <tr> <td>68</td> <td>55.9</td> <td>49.53</td> <td>46.3</td> <td>41.91</td> </tr> <tr> <td>80</td> <td>63.5</td> <td>57.15</td> <td>53.9</td> <td>49.53</td> </tr> <tr> <td>100</td> <td>76.2</td> <td>69.85</td> <td>66.6</td> <td>62.23</td> </tr> </tbody> </table> | Dimensions (mm) | A | B | C | D | No. of contacts | | | | | 20 | 25.4 | 19.05 | 15.8 | 11.43 | 30 | 31.8 | 25.40 | 22.2 | 17.78 | 40 | 38.1 | 31.75 | 28.5 | 24.13 | 50 | 44.5 | 38.10 | 34.9 | 30.48 | 60 | 50.8 | 44.45 | 41.2 | 36.83 | 68 | 55.9 | 49.53 | 46.3 | 41.91 | 80 | 63.5 | 57.15 | 53.9 | 49.53 | 100 | 76.2 | 69.85 | 66.6 | 62.23 | <p>The longitudinal direction is different. (A & B) Pitch of hole to hole for attach fixed pin is different. (D)</p> <p>Dimensions</p> <table border="1"> <thead> <tr> <th>Dimensions (mm)</th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> </tr> </thead> <tbody> <tr> <td>No. of contacts</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>30</td> <td>26.4</td> <td>25.1</td> <td>17.78</td> <td>24.89</td> </tr> <tr> <td>40</td> <td>32.7</td> <td>31.4</td> <td>24.13</td> <td>31.24</td> </tr> <tr> <td>50</td> <td>39.1</td> <td>37.8</td> <td>30.48</td> <td>37.59</td> </tr> <tr> <td>60</td> <td>45.4</td> <td>44.1</td> <td>36.83</td> <td>43.94</td> </tr> <tr> <td>68</td> <td>50.5</td> <td>49.2</td> <td>41.91</td> <td>49.02</td> </tr> <tr> <td>80</td> <td>58.1</td> <td>56.8</td> <td>49.53</td> <td>56.64</td> </tr> <tr> <td>100</td> <td>70.8</td> <td>69.5</td> <td>62.23</td> <td>69.34</td> </tr> </tbody> </table> | Dimensions (mm) | A | B | C | D | No. of contacts | | | | | 30 | 26.4 | 25.1 | 17.78 | 24.89 | 40 | 32.7 | 31.4 | 24.13 | 31.24 | 50 | 39.1 | 37.8 | 30.48 | 37.59 | 60 | 45.4 | 44.1 | 36.83 | 43.94 | 68 | 50.5 | 49.2 | 41.91 | 49.02 | 80 | 58.1 | 56.8 | 49.53 | 56.64 | 100 | 70.8 | 69.5 | 62.23 | 69.34 | | | | | | | | | | |
| Dimensions (mm) | A | B | C | D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| No. of contacts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | 25.4 | 19.05 | 15.8 | 11.43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | 31.8 | 25.40 | 22.2 | 17.78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 | 38.1 | 31.75 | 28.5 | 24.13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50 | 44.5 | 38.10 | 34.9 | 30.48 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 60 | 50.8 | 44.45 | 41.2 | 36.83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 68 | 55.9 | 49.53 | 46.3 | 41.91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | 63.5 | 57.15 | 53.9 | 49.53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100 | 76.2 | 69.85 | 66.6 | 62.23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dimensions (mm) | A | B | C | D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| No. of contacts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | 26.4 | 25.1 | 17.78 | 24.89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 | 32.7 | 31.4 | 24.13 | 31.24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50 | 39.1 | 37.8 | 30.48 | 37.59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 60 | 45.4 | 44.1 | 36.83 | 43.94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 68 | 50.5 | 49.2 | 41.91 | 49.02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | 58.1 | 56.8 | 49.53 | 56.64 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100 | 70.8 | 69.5 | 62.23 | 69.34 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Dimensions – XH2B vs XH3B

| Discontinued Product | Suggested Replacements | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------------------------------|-------|-------|-------|---|------------------------|--|--|--|--|----|------|-------|------|-------|----|------|-------|------|-------|----|------|-------|------|-------|----|------|-------|------|-------|----|------|-------|------|-------|----|------|-------|------|-------|----|------|-------|------|-------|-----|------|-------|------|-------|--|-----------------|---|---|---|---|------------------------|--|--|--|--|----|------|------|-------|-------|----|------|------|-------|-------|----|------|------|-------|-------|----|------|------|-------|-------|----|------|------|-------|-------|----|------|------|-------|-------|-----|------|------|-------|-------|-----|------|------|-------|-------|-----|------|------|-------|-------|
| XH2B-□□41 / XH2B-□□41-A | XH3B-□□41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>The longitudinal direction is different. (A & C) is different.</p> <p style="text-align: center;">Dimensions</p> <table border="1"> <thead> <tr> <th>Dimensions (mm)</th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> </tr> </thead> <tbody> <tr> <td>No. of contacts</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>20</td> <td>25.4</td> <td>19.05</td> <td>15.7</td> <td>11.43</td> </tr> <tr> <td>30</td> <td>31.8</td> <td>25.40</td> <td>22.1</td> <td>17.78</td> </tr> <tr> <td>40</td> <td>38.1</td> <td>31.75</td> <td>28.4</td> <td>24.13</td> </tr> <tr> <td>50</td> <td>44.5</td> <td>38.10</td> <td>34.8</td> <td>30.48</td> </tr> <tr> <td>60</td> <td>50.8</td> <td>44.45</td> <td>41.1</td> <td>36.83</td> </tr> <tr> <td>68</td> <td>55.9</td> <td>49.53</td> <td>46.2</td> <td>41.91</td> </tr> <tr> <td>80</td> <td>63.5</td> <td>57.15</td> <td>53.8</td> <td>49.53</td> </tr> <tr> <td>100</td> <td>76.2</td> <td>69.85</td> <td>66.5</td> <td>62.23</td> </tr> </tbody> </table> | Dimensions (mm) | A | B | C | D | No. of contacts | | | | | 20 | 25.4 | 19.05 | 15.7 | 11.43 | 30 | 31.8 | 25.40 | 22.1 | 17.78 | 40 | 38.1 | 31.75 | 28.4 | 24.13 | 50 | 44.5 | 38.10 | 34.8 | 30.48 | 60 | 50.8 | 44.45 | 41.1 | 36.83 | 68 | 55.9 | 49.53 | 46.2 | 41.91 | 80 | 63.5 | 57.15 | 53.8 | 49.53 | 100 | 76.2 | 69.85 | 66.5 | 62.23 | <p>The longitudinal direction is different. (A & B) is different.</p> <p style="text-align: center;">Dimensions</p> <table border="1"> <thead> <tr> <th>Dimensions (mm)</th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> </tr> </thead> <tbody> <tr> <td>No. of contacts</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>20</td> <td>20.0</td> <td>18.6</td> <td>11.43</td> <td>18.54</td> </tr> <tr> <td>30</td> <td>26.4</td> <td>25.0</td> <td>17.78</td> <td>24.89</td> </tr> <tr> <td>40</td> <td>32.7</td> <td>31.3</td> <td>24.13</td> <td>31.24</td> </tr> <tr> <td>50</td> <td>39.1</td> <td>37.7</td> <td>30.48</td> <td>37.59</td> </tr> <tr> <td>60</td> <td>45.4</td> <td>44.0</td> <td>36.83</td> <td>43.94</td> </tr> <tr> <td>68</td> <td>50.5</td> <td>49.1</td> <td>41.91</td> <td>49.02</td> </tr> <tr> <td>80</td> <td>58.1</td> <td>56.7</td> <td>49.53</td> <td>56.64</td> </tr> <tr> <td>100</td> <td>70.8</td> <td>69.4</td> <td>62.23</td> <td>69.34</td> </tr> <tr> <td>120</td> <td>83.5</td> <td>82.1</td> <td>74.93</td> <td>82.04</td> </tr> </tbody> </table> | Dimensions (mm) | A | B | C | D | No. of contacts | | | | | 20 | 20.0 | 18.6 | 11.43 | 18.54 | 30 | 26.4 | 25.0 | 17.78 | 24.89 | 40 | 32.7 | 31.3 | 24.13 | 31.24 | 50 | 39.1 | 37.7 | 30.48 | 37.59 | 60 | 45.4 | 44.0 | 36.83 | 43.94 | 68 | 50.5 | 49.1 | 41.91 | 49.02 | 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 |
| Dimensions (mm) | A | B | C | D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| No. of contacts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | 25.4 | 19.05 | 15.7 | 11.43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | 31.8 | 25.40 | 22.1 | 17.78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 | 38.1 | 31.75 | 28.4 | 24.13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50 | 44.5 | 38.10 | 34.8 | 30.48 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 60 | 50.8 | 44.45 | 41.1 | 36.83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 68 | 55.9 | 49.53 | 46.2 | 41.91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | 63.5 | 57.15 | 53.8 | 49.53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100 | 76.2 | 69.85 | 66.5 | 62.23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dimensions (mm) | A | B | C | D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| No. of contacts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | 20.0 | 18.6 | 11.43 | 18.54 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | 26.4 | 25.0 | 17.78 | 24.89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 | 32.7 | 31.3 | 24.13 | 31.24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50 | 39.1 | 37.7 | 30.48 | 37.59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 60 | 45.4 | 44.0 | 36.83 | 43.94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 68 | 50.5 | 49.1 | 41.91 | 49.02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| XH2B-□□42 / XH2B-□□42-A | XH3B-□□42 / XH3B-□□42-A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>The longitudinal direction is different. (A & C) Pitch of hole to hole for attach fixed pin is different. (B)</p> <p style="text-align: center;">Dimensions</p> <table border="1"> <thead> <tr> <th>Dimensions (mm)</th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> </tr> </thead> <tbody> <tr> <td>No. of contacts</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>20</td> <td>25.4</td> <td>19.05</td> <td>15.7</td> <td>11.43</td> </tr> <tr> <td>30</td> <td>31.8</td> <td>25.40</td> <td>22.1</td> <td>17.78</td> </tr> <tr> <td>40</td> <td>38.1</td> <td>31.75</td> <td>28.4</td> <td>24.13</td> </tr> <tr> <td>50</td> <td>44.5</td> <td>38.10</td> <td>34.8</td> <td>30.48</td> </tr> <tr> <td>60</td> <td>50.8</td> <td>44.45</td> <td>41.1</td> <td>36.83</td> </tr> <tr> <td>68</td> <td>55.9</td> <td>49.53</td> <td>46.2</td> <td>41.91</td> </tr> <tr> <td>80</td> <td>63.5</td> <td>57.15</td> <td>53.8</td> <td>49.53</td> </tr> <tr> <td>100</td> <td>76.2</td> <td>69.85</td> <td>66.5</td> <td>62.23</td> </tr> </tbody> </table> | Dimensions (mm) | A | B | C | D | No. of contacts | | | | | 20 | 25.4 | 19.05 | 15.7 | 11.43 | 30 | 31.8 | 25.40 | 22.1 | 17.78 | 40 | 38.1 | 31.75 | 28.4 | 24.13 | 50 | 44.5 | 38.10 | 34.8 | 30.48 | 60 | 50.8 | 44.45 | 41.1 | 36.83 | 68 | 55.9 | 49.53 | 46.2 | 41.91 | 80 | 63.5 | 57.15 | 53.8 | 49.53 | 100 | 76.2 | 69.85 | 66.5 | 62.23 | <p>The longitudinal direction is different. (A & B) Pitch of hole to hole for attach fixed pin is different. (D)</p> <p style="text-align: center;">Dimensions</p> <table border="1"> <thead> <tr> <th>Dimensions (mm)</th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> </tr> </thead> <tbody> <tr> <td>No. of contacts</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>30</td> <td>26.4</td> <td>25.0</td> <td>17.78</td> <td>24.89</td> </tr> <tr> <td>40</td> <td>32.7</td> <td>31.3</td> <td>24.13</td> <td>31.24</td> </tr> <tr> <td>50</td> <td>39.1</td> <td>37.7</td> <td>30.48</td> <td>37.59</td> </tr> <tr> <td>60</td> <td>45.4</td> <td>44.0</td> <td>36.83</td> <td>43.94</td> </tr> <tr> <td>68</td> <td>50.5</td> <td>49.1</td> <td>41.91</td> <td>49.02</td> </tr> <tr> <td>80</td> <td>58.1</td> <td>56.7</td> <td>49.53</td> <td>56.64</td> </tr> <tr> <td>100</td> <td>70.8</td> <td>69.4</td> <td>62.23</td> <td>69.34</td> </tr> </tbody> </table> | Dimensions (mm) | A | B | C | D | No. of contacts | | | | | 30 | 26.4 | 25.0 | 17.78 | 24.89 | 40 | 32.7 | 31.3 | 24.13 | 31.24 | 50 | 39.1 | 37.7 | 30.48 | 37.59 | 60 | 45.4 | 44.0 | 36.83 | 43.94 | 68 | 50.5 | 49.1 | 41.91 | 49.02 | 80 | 58.1 | 56.7 | 49.53 | 56.64 | 100 | 70.8 | 69.4 | 62.23 | 69.34 | | | | | | | | | | |
| Dimensions (mm) | A | B | C | D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| No. of contacts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | 25.4 | 19.05 | 15.7 | 11.43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | 31.8 | 25.40 | 22.1 | 17.78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 | 38.1 | 31.75 | 28.4 | 24.13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50 | 44.5 | 38.10 | 34.8 | 30.48 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 60 | 50.8 | 44.45 | 41.1 | 36.83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 68 | 55.9 | 49.53 | 46.2 | 41.91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | 63.5 | 57.15 | 53.8 | 49.53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100 | 76.2 | 69.85 | 66.5 | 62.23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dimensions (mm) | A | B | C | D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| No. of contacts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | 26.4 | 25.0 | 17.78 | 24.89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 | 32.7 | 31.3 | 24.13 | 31.24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50 | 39.1 | 37.7 | 30.48 | 37.59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 60 | 45.4 | 44.0 | 36.83 | 43.94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 68 | 50.5 | 49.1 | 41.91 | 49.02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | 58.1 | 56.7 | 49.53 | 56.64 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100 | 70.8 | 69.4 | 62.23 | 69.34 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PCB Layout - - XH2A-A / XH2B-A vs XH3A-A / XH3B-A

Discontinued Product

XH2A-□□42-A

The pitch of hole to hole (B) for attached fixed pin to fix the board is different from XH3A-□□42-A.

Mounting holes (bottom view)

Dimensions

| Dimensions (mm) | A | B | C | D |
|-----------------|------|-------|------|-------|
| No. of contacts | | | | |
| 20 | 25.4 | 19.05 | 15.8 | 11.43 |
| 30 | 31.8 | 25.40 | 22.2 | 17.78 |
| 40 | 38.1 | 31.75 | 28.5 | 24.13 |
| 50 | 44.5 | 38.10 | 34.9 | 30.48 |
| 60 | 50.8 | 44.45 | 41.2 | 36.83 |
| 68 | 55.9 | 49.53 | 46.3 | 41.91 |
| 80 | 63.5 | 57.15 | 53.9 | 49.53 |
| 100 | 76.2 | 69.85 | 66.6 | 62.23 |

Suggested Replacements

XH3A-□□42-A

The pitch of hole to hole (D) for attached fixed pin to fix the board is different from XH2A-□□42-A.

Mounting holes (bottom view)

Dimensions

| Dimensions (mm) | A | B | C | D |
|-----------------|------|------|-------|-------|
| No. of contacts | | | | |
| 30 | 26.4 | 25.1 | 17.78 | 24.89 |
| 40 | 32.7 | 31.4 | 24.13 | 31.24 |
| 50 | 39.1 | 37.8 | 30.48 | 37.59 |
| 60 | 45.4 | 44.1 | 36.83 | 43.94 |
| 68 | 50.5 | 49.2 | 41.91 | 49.02 |
| 80 | 58.1 | 56.8 | 49.53 | 56.64 |
| 100 | 70.8 | 69.5 | 62.23 | 69.34 |

XH2B-□□42-A

The pitch of hole to hole (B) for attached fixed pin to fix the board is different from XH3B-□□42-A.

Mounting holes (bottom view)

Dimensions

| Dimensions (mm) | A | B | C | D |
|-----------------|------|-------|------|-------|
| No. of contacts | | | | |
| 20 | 25.4 | 19.05 | 15.7 | 11.43 |
| 30 | 31.8 | 25.40 | 22.1 | 17.78 |
| 40 | 38.1 | 31.75 | 28.4 | 24.13 |
| 50 | 44.5 | 38.10 | 34.8 | 30.48 |
| 60 | 50.8 | 44.45 | 41.1 | 36.83 |
| 68 | 55.9 | 49.53 | 46.2 | 41.91 |
| 80 | 63.5 | 57.15 | 53.8 | 49.53 |
| 100 | 76.2 | 69.85 | 66.5 | 62.23 |

XH3B-□□42-A

The pitch of hole to hole (D) for attached fixed pin to fix the board is different from XH2B-□□42-A.



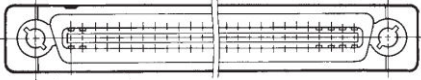
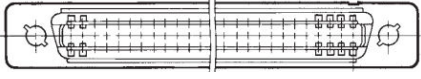
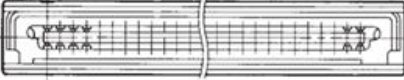

Mounting holes (bottom view)

Dimensions

| Dimensions (mm) | A | B | C | D |
|-----------------|------|------|-------|-------|
| No. of contacts | | | | |
| 30 | 26.4 | 25.0 | 17.78 | 24.89 |
| 40 | 32.7 | 31.3 | 24.13 | 31.24 |
| 50 | 39.1 | 37.7 | 30.48 | 37.59 |
| 60 | 45.4 | 44.0 | 36.83 | 43.94 |
| 68 | 50.5 | 49.1 | 41.91 | 49.02 |
| 80 | 58.1 | 56.7 | 49.53 | 56.64 |
| 100 | 70.8 | 69.4 | 62.23 | 69.34 |

“-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 |
|---|---|
| XH2A / XH2B series | XH3A / XH3B series |
| <p>Color : BLACK</p>  <p style="text-align: center;">XH2A XH2B</p> | <p>Color : GRAY</p>  <p style="text-align: center;">XH3A XH3B</p> |
| <p>Mating shape Mating shape is D shape.</p> <p>XH2A</p>  <p>XH2B</p>  | <p>Mating shape Unique</p> <p>XH3A</p>  <p>XH3B</p>  <p>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.

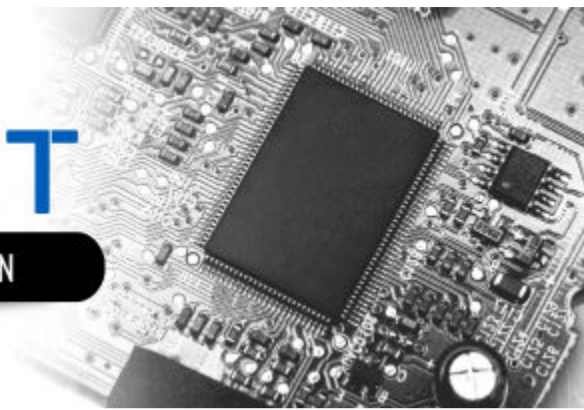
This PCN is intended for use in the Americas

Last time buy dates are subject to change based on availability



PRODUCT

CHANGE NOTIFICATION



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 March 31, 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, should you have any questions, please communicate with your local OMRON Sales Representative.

Last Order Date (Last Time Buy Date):

End of March 2027 (March 31, 2027)

Discontinued Models

Board to Board Connectors
XH2A-□□41(-A)

XH2A-□□42

XH2A-□□42-A ※Except 20 poles
XH2A-2042-A ※20 poles

XH2B-□□41(-A)

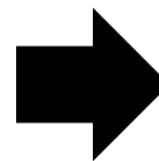
XH2B-□□42 ※Except 40&50 poles

XH2B-□□42-A ※Except 20&40&50 poles

XH2B-4042(-A) ※40&50 poles

XH2B-5042(-A) ※40&50 poles

XH2B-2042-A ※20 poles



Suggested Replacement

Board to Board Connectors
XH3A-□□41

No recommended replacement

XH3A-□□42-A

No recommended replacement

XH3B-□□41

No recommended replacement

XH3B-□□42-A

XH3B-4042

XH3B-5042

No recommended replacement

NOTE 1: This notification applies to all XH2 models.

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

NOTE 3: Please use careful consideration when evaluating the suggested replacements for new designs.

** For the full discontinuation notice and list of parts, please click the link below.

[DISCONTINUATION XH2 Series - Board to Board Connectors](#)

** 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 and schedules 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

Thank you,
OMRON Product Management Team

PCN: REL - 269
Ref No. 20251210_DOP_00003



Last Time Buy = Last Working Day in March, 2027. (March 31, 2027)

NOTE: All XH2 Connectors are being discontinued.

Listed Items:

Highlighted cells exist with Omron Electronic Component's computer system.
Models with non-highlighted cells do not currently exist within Omron Electronic Cor

| JDE Part Number | Discontinued Part Number |
|------------------------|---------------------------------|
| XH2A3041A | XH2A-3041-A |
| XH2A3042A | XH2A-3042-A |
| XH2A4042A | XH2A-4042-A |
| XH2A6041 | XH2A-6041 |
| XH2A6041A | XH2A-6041-A |
| XH2A6042 | XH2A-6042 |
| XH2A6042A | XH2A-6042-A |
| XH2B3041A | XH2B-3041-A |
| XH2B3042A | XH2B-3042-A |
| XH2B4042A | XH2B-4042-A |
| XH2B5042A | XH2B-5042-A |
| XH2B6041 | XH2B-6041 |
| XH2B6041A | XH2B-6041-A |
| XH2A0141 | XH2A-0141 |
| XH2A0141A | XH2A-0141-A |
| XH2A0142 | XH2A-0142 |
| XH2A0142A | XH2A-0142-A |
| XH2A2041 | XH2A-2041 |
| XH2A2041A | XH2A-2041-A |
| XH2A2042 | XH2A-2042 |
| XH2A2042A | XH2A-2042-A |
| XH2A3041 | XH2A-3041 |
| XH2A3042 | XH2A-3042 |
| XH2A4041 | XH2A-4041 |
| XH2A4041A | XH2A-4041-A |
| XH2A4042 | XH2A-4042 |
| XH2A5041 | XH2A-5041 |
| XH2A5041A | XH2A-5041-A |
| XH2A5042 | XH2A-5042 |
| XH2A5042A | XH2A-5042-A |
| XH2A6841 | XH2A-6841 |
| XH2A6841A | XH2A-6841-A |
| XH2A6842 | XH2A-6842 |

| | |
|-----------|-------------|
| XH2A6842A | XH2A-6842-A |
| XH2A8041 | XH2A-8041 |
| XH2A8041A | XH2A-8041-A |
| XH2A8042 | XH2A-8042 |
| XH2A8042A | XH2A-8042-A |
| XH2B0141 | XH2B-0141 |
| XH2B0141A | XH2B-0141-A |
| XH2B0142 | XH2B-0142 |
| XH2B0142A | XH2B-0142-A |
| XH2B2041 | XH2B-2041 |
| XH2B2041A | XH2B-2041-A |
| XH2B2042 | XH2B-2042 |
| XH2B2042A | XH2B-2042-A |
| XH2B3041 | XH2B-3041 |
| XH2B3042 | XH2B-3042 |
| XH2B4041 | XH2B-4041 |
| XH2B4041A | XH2B-4041-A |
| XH2B4042 | XH2B-4042 |
| XH2B5041 | XH2B-5041 |
| XH2B5041A | XH2B-5041-A |
| XH2B5042 | XH2B-5042 |
| XH2B6042 | XH2B-6042 |
| XH2B6042A | XH2B-6042-A |
| XH2B6841 | XH2B-6841 |
| XH2B6841A | XH2B-6841-A |
| XH2B6842 | XH2B-6842 |
| XH2B6842A | XH2B-6842-A |
| XH2B8041 | XH2B-8041 |
| XH2B8041A | XH2B-8041-A |
| XH2B8042 | XH2B-8042 |
| XH2B8042A | XH2B-8042-A |

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 replaceme

Refer

ponent's computer system.

| Discontinued Marketing Part Number | 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 |

5.
ents for new designs.

| JDE Part Number | Suggested Replacements |
|-----------------|------------------------|
| XH3A3041 | XH3A-3041 |
| No replacement | |
| XH3A4042A | XH3A-4042-A |
| XH3A6041 | XH3A-6041 |
| XH3A6041 | XH3A-6041 |
| No replacement | |
| XH3A6042A | XH3A-6042-A |
| XH3B3041 | XH3B-3041 |
| XH3B3042A | XH3B-3042-A |
| XH3B4042 | XH3B-4042 |
| XH3B5042 | XH3B-5042 |
| XH3B6041 | XH3B-6041 |
| XH3B6041 | XH3B-6041 |
| XH3A0141 | XH3A-0141 |
| XH3A0142A | XH3A-0142-A |
| No replacement | |
| XH3A0142A | XH3A-0142-A |
| XH3A2041 | XH3A-2041 |
| XH3A2041 | XH3A-2041 |
| No replacement | |
| No replacement | |
| XH3A3041 | XH3A-3041 |
| XH3A3042A | XH3A-3042-A |
| XH3A4041 | XH3A-4041 |
| XH3A4041 | XH3A-4041 |
| No replacement | |
| XH3A5041 | XH3A-5041 |
| XH3A5041 | XH3A-5041 |
| No replacement | |
| XH3B5042 | XH3B-5042 |
| XH3A6841 | XH3A-6841 |
| XH3A6841 | XH3A-6841 |
| No replacement | |

| | |
|----------------|-------------|
| XH3A6842A | XH3A-6842-A |
| XH3A8041 | XH3A-8041 |
| XH3A8041 | XH3A-8041 |
| No replacement | |
| XH3A8042A | XH3A-8042-A |
| XH3B0141 | XH3B-0141 |
| XH3B0141 | XH3B-0141 |
| No replacement | |
| XH3B0142A | XH3B-0142-A |
| XH3B2041 | XH3B-2041 |
| XH3B2041 | XH3B-2041 |
| No replacement | |
| No replacement | |
| XH3B3041 | XH3B-3041 |
| No replacement | |
| XH3B4041 | XH3B-4041 |
| XH3B4041 | XH3B-4041 |
| XH3B4042 | XH3B-4042 |
| XH3B5041 | XH3B-5041 |
| XH3B5041 | XH3B-5041 |
| XH3B5042 | XH3B-5042 |
| No replacement | |
| XH3B6042A | XH3B-6042-A |
| XH3B6841 | XH3B-6841 |
| XH3B6841 | XH3B-6841 |
| No replacement | |
| XH3B6842A | XH3B-6842-A |
| XH3B8041 | XH3B-8041 |
| XH3B8041 | XH3B-8041 |
| No replacement | |
| XH3B8042A | XH3B-8042-A |

