

NO: CON - 095
DATE: June 2021

PRODUCT: Multiple Connectors – D-Sub ‘-L’
TYPE: DISCONTINUATION – Streamline Product Offering

Multiple D-Sub ‘-L’ Connectors - DISCONTINUATION

In an effort to streamline our product offering and focus on popular models of Omron’s line of connectors, OMRON will discontinue multiple D-Sub ‘-L’ connectors in February 2022. The suggested replacement models are listed below. Please carefully read through this notification and note the differences. The following details will fully explain the discontinuation and replacement considerations; should you have any additional questions, however, please communicate with the Connector Product Manager, Patrick Lahey.



LAST Order date (Last Time Buy Date)

February 28, 2022

Product Discontinuation

D-Sub Connector

Model XM2C-L

Model XM2E-L

Model XM2F-L

Model XM3B-L

Model XM3C-L

Model XM4K

Model XM4L

Model XM4Z



Suggested Replacement

D-Sub Connector

Model XM3C

No suggested replacement

Model XM3F

or No suggested replacement

Model XM3B

or No suggested replacement

No suggested replacement

No suggested replacement

No suggested replacement

No suggested replacement

Differences from discontinued product:

Suggested replacement Model	Body Color	Dimensions	Wire connection	Mounting Dimensions	Characteristics
XM3C	**	*	*	*	**
XM3F	*	*	*	*	**
XM3B	**	*	*	*	**

** : Compatible

* : The change is a little/Almost compatible

-- : Not compatible

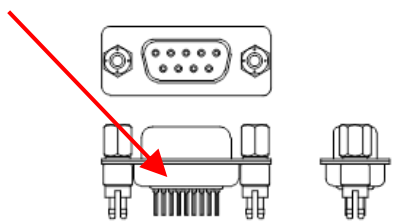
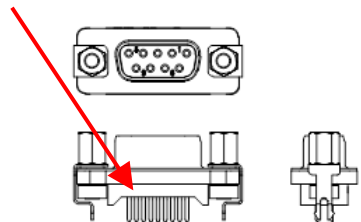
- : No corresponding specification

Discontinued Model and Suggested Replacements:

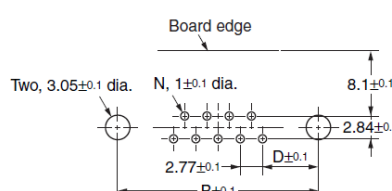
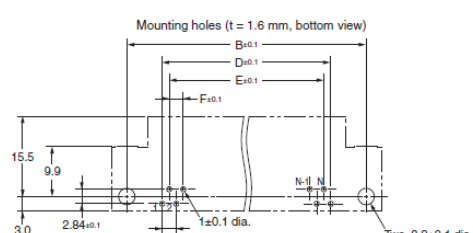
Discontinued Model	Suggested replacement
XM2C-0942-112L	XM3C-0922-112
XM2C-0942-132L	XM3C-0922-132
XM2C-0942-212L	XM3C-0922-212
XM2C-0942-232L	XM3C-0922-232
XM2C-0942-502L	XM3C-0922-502
XM2C-1542-112L	XM3C-1522-112
XM2C-1542-132L	XM3C-1522-132
XM2C-1542-502L	XM3C-1522-502
XM2C-2542-112L	XM3C-2522-112
XM2C-2542-132L	XM3C-2522-132
XM2C-2542-502L	XM3C-2522-502
XM2E-0940-112L	No suggested replacement
XM2E-0940-132L	No suggested replacement
XM2E-0940-502L	No suggested replacement
XM2E-0940-L	No suggested replacement
XM2E-1540-112L	No suggested replacement
XM2E-1540-132L	No suggested replacement
XM2E-1540-502L	No suggested replacement
XM2E-1540-L	No suggested replacement
XM2E-2540-112L	No suggested replacement
XM2E-2540-132L	No suggested replacement
XM2E-2540-502L	No suggested replacement
XM2E-2540-L	No suggested replacement
XM2F-0940-112L	XM3F-0920-112
XM2F-0940-132L	XM3F-0920-132
XM2F-0940-212L	No suggested replacement
XM2F-0940-502L	No suggested replacement
XM2F-0940-L	XM3F-0920
XM2F-1540-112L	XM3F-1520-112
XM2F-1540-132L	XM3F-1520-132
XM2F-1540-212L	No suggested replacement
XM2F-1540-502L	No suggested replacement
XM2F-1540-L	XM3F-1520
XM2F-2540-112L	XM3F-2520-112
XM2F-2540-132L	XM3F-2520-132
XM2F-2540-212L	No suggested replacement
XM2F-2540-232L	No suggested replacement
XM2F-2540-502L	No suggested replacement
XM2F-2540-L	XM3F-2520
XM3B-0942-112L	XM3B-0922-112
XM3B-0942-112LS	No suggested replacement
XM3B-0942-132L	XM3B-0922-132
XM3B-0942-132LS	No suggested replacement

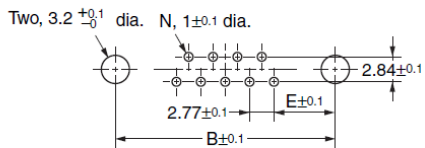
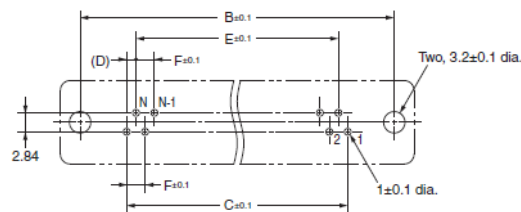
Discontinued Model	Suggested replacement
XM3B-0942-212L	XM3B-0922-212
XM3B-0942-232L	XM3B-0922-232 *Scheduled to be available in September, 2021
XM3B-0942-502L	XM3B-0922-502
XM3B-1542-112L	XM3B-1522-112
XM3B-1542-132L	XM3B-1522-132
XM3B-1542-232L	No suggested replacement
XM3B-1542-502L	XM3B-1522-502
XM3B-2542-112L	XM3B-2522-112
XM3B-2542-132L	XM3B-2522-132
XM3B-2542-212L	XM3B-2522-212
XM3B-2542-502L	XM3B-2522-502
XM3C-0942-112LS	No suggested replacement
XM3C-0942-132LS	No suggested replacement
XM4K-1542-112	No suggested replacement
XM4K-1542-132	No suggested replacement
XM4K-1542-502	No suggested replacement
XM4L-1541-112	No suggested replacement
XM4L-1541-132	No suggested replacement
XM4L-1541-502	No suggested replacement
XM4L-1542-112	No suggested replacement
XM4L-1542-132	No suggested replacement
XM4L-1542-212	No suggested replacement
XM4L-1542-232	No suggested replacement
XM4L-1542-502	No suggested replacement
XM4Z-0011	No suggested replacement
XM4Z-0012	No suggested replacement
XM4Z-0013	No suggested replacement
XM4Z-0021	No suggested replacement
XM4Z-0022	No suggested replacement
XM4Z-0023	No suggested replacement
XM4Z-1011	No suggested replacement
XM4Z-1012	No suggested replacement
XM4Z-1013	No suggested replacement
XM4Z-1021	No suggested replacement
XM4Z-1022	No suggested replacement
XM4Z-1023	No suggested replacement

Body Color:

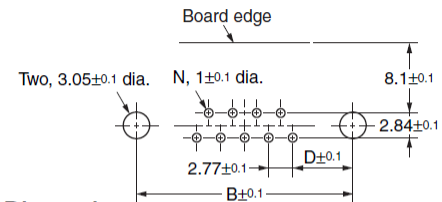
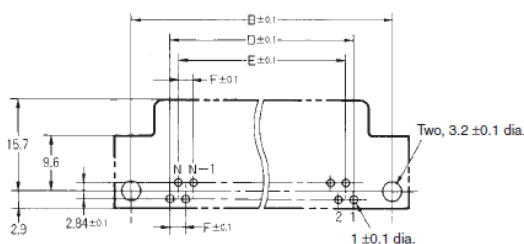
Discontinued Model XM2F-L	Suggested replacement XM3F
Terminal section Color: Silver (Shell) 	Terminal section Color: Black (Housing) 

Connection Dimensions:

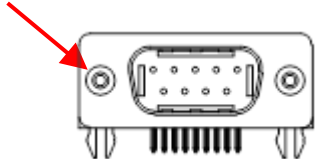
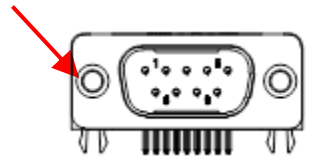
Discontinued Models XM2C-L, Model XM2F-L, Model XM3B-L					Suggested replacement Models XM3C, Model XM3F, Model XM3B																																																																			
Recommended PWB hole pattern XM2C-L					Recommended PWB hole pattern XM3C																																																																			
Mounting holes (t = 1.6 mm, bottom view)					Mounting holes (t = 1.6 mm, bottom view)																																																																			
																																																																								
Dimensions					Dimensions																																																																			
<table><tr><th>No. of contacts (N)</th><th>A</th><th>B</th><th>C</th><th>D</th></tr><tr><td>9</td><td>30.8</td><td>24.99</td><td>16.92</td><td>6.96</td></tr><tr><td>15</td><td>39.1</td><td>33.32</td><td>25.25</td><td>6.96</td></tr><tr><td>25</td><td>53.0</td><td>47.04</td><td>38.96</td><td>6.91</td></tr></table>					No. of contacts (N)	A	B	C	D	9	30.8	24.99	16.92	6.96	15	39.1	33.32	25.25	6.96	25	53.0	47.04	38.96	6.91	<table><tr><th>No. of contacts</th><th>A</th><th>B</th><th>C</th><th>D</th><th>E</th><th>F</th><th>G</th></tr><tr><td>9</td><td>30.8</td><td>24.99</td><td>16.91</td><td>10.96</td><td>8.22</td><td>2.74</td><td>1.37</td></tr><tr><td>15</td><td>39.1</td><td>33.32</td><td>25.25</td><td>19.18</td><td>16.44</td><td>2.74</td><td>1.37</td></tr><tr><td>25</td><td>53.0</td><td>47.04</td><td>38.96</td><td>33.12</td><td>30.36</td><td>2.76</td><td>1.38</td></tr><tr><td>37</td><td>69.3</td><td>63.50</td><td>55.42</td><td>49.68</td><td>46.92</td><td>2.76</td><td>1.38</td></tr></table>								No. of contacts	A	B	C	D	E	F	G	9	30.8	24.99	16.91	10.96	8.22	2.74	1.37	15	39.1	33.32	25.25	19.18	16.44	2.74	1.37	25	53.0	47.04	38.96	33.12	30.36	2.76	1.38	37	69.3	63.50	55.42	49.68	46.92	2.76	1.38
No. of contacts (N)	A	B	C	D																																																																				
9	30.8	24.99	16.92	6.96																																																																				
15	39.1	33.32	25.25	6.96																																																																				
25	53.0	47.04	38.96	6.91																																																																				
No. of contacts	A	B	C	D	E	F	G																																																																	
9	30.8	24.99	16.91	10.96	8.22	2.74	1.37																																																																	
15	39.1	33.32	25.25	19.18	16.44	2.74	1.37																																																																	
25	53.0	47.04	38.96	33.12	30.36	2.76	1.38																																																																	
37	69.3	63.50	55.42	49.68	46.92	2.76	1.38																																																																	

XM2F-L						XM3F																																																																												
Mounting holes (t = 1.6 mm, bottom view)						Mounting holes (t = 1.6 mm, bottom view)																																																																												
																																																																																		
Dimensions						Dimensions																																																																												
<table><tr><th>No. of contacts (N)</th><th>A</th><th>B</th><th>C</th><th>D</th><th>E</th></tr><tr><td>9</td><td>30.8</td><td>24.99</td><td>16.33</td><td>19.23</td><td>6.96</td></tr><tr><td>15</td><td>39.1</td><td>33.32</td><td>24.66</td><td>27.56</td><td>6.96</td></tr><tr><td>25</td><td>53.0</td><td>47.04</td><td>38.38</td><td>41.28</td><td>6.91</td></tr></table>						No. of contacts (N)	A	B	C	D	E	9	30.8	24.99	16.33	19.23	6.96	15	39.1	33.32	24.66	27.56	6.96	25	53.0	47.04	38.38	41.28	6.91	<table><tr><th>No. of contacts</th><th>A</th><th>B</th><th>C</th><th>D</th><th>E</th><th>F</th><th>G</th><th>H</th></tr><tr><td>9</td><td>30.7</td><td>24.99</td><td>10.98</td><td>1.37</td><td>8.22</td><td>2.74</td><td>19.00</td><td>16.33</td></tr><tr><td>15</td><td>39.0</td><td>33.32</td><td>19.20</td><td>1.37</td><td>16.44</td><td>2.74</td><td>27.12</td><td>24.66</td></tr><tr><td>25</td><td>52.9</td><td>47.04</td><td>33.12</td><td>1.38</td><td>30.36</td><td>2.76</td><td>41.04</td><td>38.38</td></tr><tr><td>37</td><td>69.2</td><td>63.50</td><td>49.68</td><td>1.38</td><td>46.92</td><td>2.76</td><td>57.60</td><td>54.84</td></tr></table>								No. of contacts	A	B	C	D	E	F	G	H	9	30.7	24.99	10.98	1.37	8.22	2.74	19.00	16.33	15	39.0	33.32	19.20	1.37	16.44	2.74	27.12	24.66	25	52.9	47.04	33.12	1.38	30.36	2.76	41.04	38.38	37	69.2	63.50	49.68	1.38	46.92	2.76	57.60	54.84
No. of contacts (N)	A	B	C	D	E																																																																													
9	30.8	24.99	16.33	19.23	6.96																																																																													
15	39.1	33.32	24.66	27.56	6.96																																																																													
25	53.0	47.04	38.38	41.28	6.91																																																																													
No. of contacts	A	B	C	D	E	F	G	H																																																																										
9	30.7	24.99	10.98	1.37	8.22	2.74	19.00	16.33																																																																										
15	39.0	33.32	19.20	1.37	16.44	2.74	27.12	24.66																																																																										
25	52.9	47.04	33.12	1.38	30.36	2.76	41.04	38.38																																																																										
37	69.2	63.50	49.68	1.38	46.92	2.76	57.60	54.84																																																																										

Connection Dimensions continued:

Discontinued Models XM2C-L, Model XM2F-L, Model XM3B-L	Suggested replacement Models XM3C, Model XM3F, Model XM3B																																																													
Recommended PWB hole pattern XM3B-L Mounting holes (t = 1.6 mm, bottom view)  Dimensions <table><tr><th>No. of contacts (N)</th><th>A</th><th>B</th><th>C</th><th>D</th></tr><tr><td>9</td><td>30.8</td><td>24.99</td><td>16.33</td><td>6.96</td></tr><tr><td>15</td><td>39.1</td><td>33.32</td><td>24.66</td><td>6.96</td></tr><tr><td>25</td><td>53.0</td><td>47.04</td><td>38.38</td><td>6.91</td></tr></table>	No. of contacts (N)	A	B	C	D	9	30.8	24.99	16.33	6.96	15	39.1	33.32	24.66	6.96	25	53.0	47.04	38.38	6.91	Recommended PWB hole pattern XM3B Mounting holes (t = 1.6 mm, bottom view)  Dimensions <table><tr><th rowspan="2">No. of contacts</th><th colspan="6">Dimensions (mm)</th></tr><tr><th>A</th><th>B</th><th>C</th><th>D</th><th>E</th><th>F</th></tr><tr><td>9</td><td>30.8</td><td>24.99</td><td>16.30</td><td>10.96</td><td>8.22</td><td>2.74</td></tr><tr><td>15</td><td>39.1</td><td>33.32</td><td>24.65</td><td>19.18</td><td>16.44</td><td>2.74</td></tr><tr><td>25</td><td>53.0</td><td>47.04</td><td>38.35</td><td>33.12</td><td>30.36</td><td>2.76</td></tr><tr><td>37</td><td>69.3</td><td>63.50</td><td>54.80</td><td>49.68</td><td>46.92</td><td>2.76</td></tr></table>	No. of contacts	Dimensions (mm)						A	B	C	D	E	F	9	30.8	24.99	16.30	10.96	8.22	2.74	15	39.1	33.32	24.65	19.18	16.44	2.74	25	53.0	47.04	38.35	33.12	30.36	2.76	37	69.3	63.50	54.80	49.68	46.92	2.76
No. of contacts (N)	A	B	C	D																																																										
9	30.8	24.99	16.33	6.96																																																										
15	39.1	33.32	24.66	6.96																																																										
25	53.0	47.04	38.38	6.91																																																										
No. of contacts	Dimensions (mm)																																																													
	A	B	C	D	E	F																																																								
9	30.8	24.99	16.30	10.96	8.22	2.74																																																								
15	39.1	33.32	24.65	19.18	16.44	2.74																																																								
25	53.0	47.04	38.35	33.12	30.36	2.76																																																								
37	69.3	63.50	54.80	49.68	46.92	2.76																																																								

Mounting Dimensions:

Discontinued Models XM2C-L, Model XM2F-L, Model XM3B-L	Suggested replacement Models XM3C, Model XM3F, Model XM3B
Anchor mounting screw size (XM2C-502L, XM3B-502L) #4-40 UNC (Inch screw)  The figure is representative. Applicable Panel thickness 1.2mm or less (Panel processing dimensions are the same.)	Anchor mounting screw size (XM3C-502, XM3B-502) M3 × 0.5 (Millimeter screw)  The figure is representative. Applicable Panel thickness 1.3mm or less (Panel processing dimensions are the same.)

Dimensions:

Discontinued

Models XM2C-L, Model XM2F-L, Model XM3B-L

Suggested replacement

Models XM3C, Model XM3F, Model XM3B

XM2C-L

Technical drawing of the XM2C-L connector. The top view shows dimensions A, B, C, and a center-to-center distance of 2.77 between contacts. Mounting holes are 2.94 in diameter and 8.3 in apart. The side view shows a height of 1.6. The detail view shows a mounting hole with a #4-40 UNC thread, a distance of 12.55 from the contact center to the hole center, and a total height of 18.6. Other dimensions include 5.8, 2.94, 8.1, and 3.18.

Dimensions

No. of contacts (N)	A	B	C	D
9	30.8	24.99	16.92	6.96
15	39.1	33.32	25.25	6.96
25	53.0	47.04	38.96	6.91

XM3C

Technical drawing of the XM3C connector. The top view shows dimensions A, B, C, D, E, F, and G. Mounting holes are 3.2 in diameter and 12.5 in apart. The side view shows a height of 6.25 and 8.35. The detail view shows a mounting hole with a distance of 12.55 from the contact center to the hole center, a total height of 16.5, and a hole diameter of 3.0. Other dimensions include 5.9, 0.3, 9.6, 3.3, 3.6, and 2.84. A note indicates 'Two, 3.1 dia.' for the mounting holes.

Dimensions

No. of contacts	A	B	C	D	E	F	G
9	30.8	24.99	16.91	10.96	8.22	2.74	1.37
15	39.1	33.32	25.25	19.18	16.44	2.74	1.37
25	53.0	47.04	38.96	33.12	30.36	2.76	1.38
37	69.3	63.50	55.42	49.68	46.92	2.76	1.38

XM2F-L

Technical drawing of the XM2F-L connector. The top view shows dimensions A, B, C, and a center-to-center distance of 2.77 between contacts. Mounting holes are 2.94 in diameter and 7.9 in apart. The side view shows a height of 5.8 and 0.35. The detail view shows a mounting hole with a distance of 12.55 from the contact center to the hole center, a total height of 7, and a hole diameter of 3.2. Other dimensions include 6.2, 3.8, 3.25, 0.6 dia., 2.84, and 10.7. A note indicates '#4-40 UNC' for the mounting hole.

Dimensions

No. of contacts (N)	A	B	C	D	E
9	30.8	24.99	16.33	19.23	6.96
15	39.1	33.32	24.66	27.56	6.96
25	53.0	47.04	38.38	41.28	6.91

XM3F

Technical drawing of the XM3F connector. The top view shows dimensions A, B, C, D, E, F, G, and H. Mounting holes are 12.5 in apart. The side view shows a height of 7.9 and 5. The detail view shows a mounting hole with a distance of 5 from the contact center to the hole center, a total height of 6.8 and 6.1, and a hole diameter of 3.2. Other dimensions include 0.3, 2.8, 0.7, 0.5, and 2.84. A note indicates 'M2.6x0.45' for the mounting hole. A 'Lock Pin Grounding Fixture' is shown with an 'Anchor'.

Dimensions

No. of contacts	A	B	C	D	E	F	G	H
9	30.7	24.99	10.98	1.37	8.22	2.74	19.00	16.33
15	39.0	33.32	19.20	1.37	16.44	2.74	27.12	24.66
25	52.9	47.04	33.12	1.38	30.36	2.76	41.04	38.38
37	69.2	63.50	49.68	1.38	46.92	2.76	57.60	54.84

Dimensions continued:

Discontinued

Models XM2C-L, Model XM2F-L, Model XM3B-L

XM3B-L

Dimensions

No. of contacts (N)	A	B	C	D
9	30.8	24.99	16.33	6.96
15	39.1	33.32	24.66	6.96
25	53.0	47.04	38.38	6.91

Suggested replacement

Models XM3C, Model XM3F, Model XM3B

XM3B

Dimensions

No. of contacts	Dimensions (mm)					
	A	B	C	D	E	F
9	30.8	24.99	16.30	10.96	8.22	2.74
15	39.1	33.32	24.65	19.18	16.44	2.74
25	53.0	47.04	38.35	33.12	30.36	2.76
37	69.3	63.50	54.80	49.68	46.92	2.76

Characteristics:

Item	Discontinued Models XM2C-L, MODEL XM2F-L, XM3B-L	Suggested replacement Models XM3C, XM3F, XM3B
Rated current	3A	5A
Contact resistance	20m Ω or less	15m Ω or less
Durability	100 times	200 times
Operating temperature	-25 to +105°C(Without moisture condensation and freezing)	-25 to +105°C(Without moisture condensation and freezing)

* 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