

Right Angle VHDCI Connectors P/N 778914-01 and P/N 780390-01 Replacement Notice

Updated Jul 6, 2023

Overview

Due to the obsolescence of the VHDCI connector from our main vendor, NI plans to discontinue sales of the following two VHDCI Connector Kits on December 31, 2019.

- 778914-01 - Connector, .8MM Champ, 68 Pos, VHDCI, Through Hole
- 780390-01 - VHDCI Connector, Dual Stack, 68-Pin, R-Angle, Through Hole Mount

NI has found and qualified new replacements with equivalent functionality. NI recommends migrating to the new kits. Please note that the replacement connectors may not be physically compatible with some designs due to slight dimensional differences. NI strongly recommends validating the replacement part to evaluate its compatibility with your current designs. See below for more information on dimensional differences between the connectors. The new shipping kits are listed below:

- 785633-01 - VHDCI Connector, Single Stack, 68-Pin, R-Angle, Through Hole Mount
- 785634-01 - VHDCI Connector, Dual Stack, 68-Pin, R-Angle, Through Hole Mount

Key Dates

- End of Last Time Buy Date: December 31, 2019*

Recommended Replacement Table

Use this table to quickly identify differences and similarities between the End-of-Life Right Angle VHDCI Connectors and the recommended replacements.

End-of-Life Product

Connector, .8MM Champ, 68 Pos, VHDCI, Through Hole

NI Part Number: 778914-01



Manufacturer: MOLEX
Manufacturer Part Number: 71430-0013

[Dimensional Drawing](#)

No longer for sale by NI as of December 31, 2019*

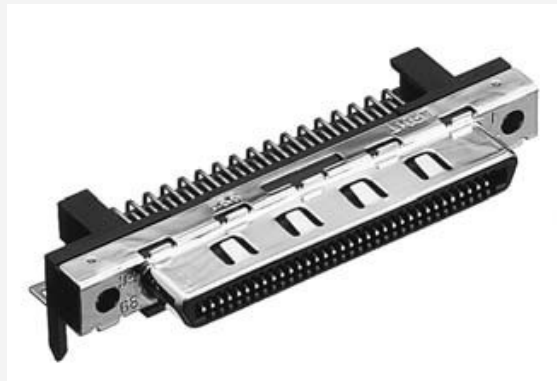
End-of-Life Product

VHDCI Connector, Dual Stack, 68-Pin, R-Angle, Through Hole Mount

Recommended Replacement

VHDCI Connector, Single Stack, 68-Pin, R-Angle, Through Hole Mount

NI Part Number: 785633-01



Manufacturer: Honda
Manufacturer Part Number: HDRA-EC68LFDT2+

[Dimensional Drawing](#)

[Product Page](#)

Recommended Replacement

VHDCI Connector, Dual Stack, 68-Pin, R-Angle, Through Hole Mount

NI Part Number: 780390-01

NI Part Number: 785634-01



Manufacturer: MOLEX
Manufacturer Part Number: 74337-0016

Manufacturer: Honda
Manufacturer Part Number: HDRA-E68W1LFDT1EA+

[Dimensional Drawing](#)

[Dimensional Drawing](#)

No longer for sale by NI as of December 31, 2019*

[Product Page](#)

*Or until supplies are exhausted

If you are in need of the 778914-01 or 780390-01 Right Angle VHDCI Connector, NI recommends that you place an order prior to the date above. If you are in need of the connector following this date, please reach out to your NI representative or contact [NI support](#) to discuss the options available to you.

Additional Resources

- [VHDCI Connector Dimensional Drawings](#)
- [Documentation: Digital Instrument Custom Cables, Replacement Connectors, and Screws](#)
- [Documentation: NI DAQ Device Custom Cables, Replacement Connectors, and Screws](#)
- [Vertical VHDCI Connector P/N 780389-01 Replacement Notice](#)