

December 12, 2019

Today 3M Electronics Materials Solutions Division announced it will discontinue its connector operations at its facility in Columbia, MO, by September 1, 2021. Manufacturing operations will be consolidated into operations at a Southeast Asia facility. Moving the production of these connector products complements the Southeast Asia's facility's existing operations and will enable 3M to remain economically viable as a long-term supplier of these connector products.

Our plan moving forward is to continue to support you as we have in the past by providing excellent customer service and quality products. As a result, we do not foresee significant changes in the way you conduct business with 3M today.

Impacted Products

Please refer to the spreadsheet in Appendix A and as well as the attachment for a list of impacted products.

Move Overview

3M plans to move products in waves over an approximately two (2) year time period. Timing on these waves is subject to change. In each wave, the following sequence will apply:

- 3M will build inventory based on open PO's and historical sales
- 3M will requalify all equipment and production processes, including UL product recertification as required
- Upon depletion of US-built inventory, 3M will automatically change orders to be filled from the Southeast Asia factory
- In each case, changes to form, fit, or function are not expected with the new manufacturing location.
- A country of origin (COO) change will occur, which will require a new internal 3M stock number. Subsequent notifications will be provided as available which will list the new 3M internal stock numbers for customers.
- The source of supply (SoS) change will be a rolling change; product labeling will show US or OUS COO.
- Upon completion of the transition, lead times will be communicated.

Product Transition Timing

3M will be offering a last time buy (LTB) for US-supplied product prior to the change being executed. All orders for a LTB from US-supplied product must be received by 3M or its authorized distributors per the attached schedule.

Table 1: Transition schedule

Wave	Product Series	LTB for US-supply
1	<ul style="list-style-type: none"> • 3M™ Wiremount Plug, 4600 Series • 3M™ Shielded Controlled Impedance (SCI), Assembly Hardware 	1/31/2020
2	<ul style="list-style-type: none"> • 3M™ Pak 20 Wiremount Socket, 1522 Series • 3M™ Latch/Eject Header, 1552 Series • 3M™ Four-Wall Header, 2500 Series 	3/31/2020
3	<ul style="list-style-type: none"> • 3M™ Three- and Four-Wall Standard and Condo Headers, 3000 Series • 3M™ 4-Wall, Tripolarized Header, 810 Series • 3M™ Tripolarized Wiremount Socket, 820 Series • 3M™ Wiremount Socket .100" X .100" , CHG Series • 3M™ D Sub Plug and D Sub Socket accessories • 3M™ Mini Delta Ribbon (MDR) accessories 	8/31/2020
4	<ul style="list-style-type: none"> • 3M™ Wiremount Socket, 3000 Series • 3M™ Ribbon Cable Wiremount Socket Assembly, 1.27 mm (0.050") Pitch, 451 Series • 3M™ Shrouded Boardmount Header, 1.27mm (0.050") Pitch, Latch and Eject, 452 Series • 3M™ IDC Ribbon Cable Socket, 891 Series 	12/31/2020

All orders received by 3M or its authorized distributors prior to the LTB dates listed above will be built in the US. Orders will be shipped from the factory once completed; requests for future shipping dates beyond standard lead time will not be permitted. 3M reserves the right to limit LTB quantities based on material availability and available resources.

After the LTB date has passed, orders will either be sourced from previously-built US inventory or from the new location. Lead times for products may also be impacted during this transition.

Portfolio Management

- As part of this change, certain product SKUs are also being discontinued. Please refer to Appendix A for all SKUs that are impacted.
- As part of this transition, 3M will also be discontinuing its non-RoHS offerings simultaneous with the move timing.
- Product options that are being discontinued within product series that are transitioning to the Southeast Asia manufacturing operation will be discontinued according to the transition schedule listed in Table 1.
- Product series that are being discontinued are listed below in Table 2 with additional part-level detail in Appendix A.

Table 2: Discontinuation Product List

Product Series	LTB for US-supply
3M™ Ribbon Cable Socket, 2mm x 2mm, 158 Series	12/31/2020
3M™ Shrouded Board Mount Header, 159 Series	12/31/2020
3M™ Card-Edge, 3000 Series	12/31/2020
3M™ PCB Connector, 3400 Series	12/31/2020
3M™ D Ribbon Wiremount Socket and D Ribbon Wiremount Plug, 3000 Series	12/31/2020
3M™ Surfacemount Header, N4600 Series	12/31/2020
Other - refer to list in Appendix A	12/31/2020

Timing - Products Being Discontinued

3M will be offering a last time buy (LTB) prior to the change being executed. A list of discontinued products is listed in Appendix A and the attached file. All orders for an LTB must be received by 3M or its authorized distributors per the scheduled in Appendix A.

Orders will be shipped from the factory once completed; requests for future shipping dates beyond standard lead time will not be permitted. 3M reserves the right to limit LTB order quantities based on material availability, resource availability, and equipment/tooling viability but will endeavor to meet customer requirements.

We will continue to manage the portfolio to support our customers. As a valued customer, we appreciate your continued support of our connector products. If you have any questions about this transition, please contact your 3M representative.

As 3M adapts to changing business conditions, difficult decisions like these will occasionally be necessary. As a valued customer, we know you, too, appreciate our need to remain competitive and strengthen our business for the future.

We appreciate your continued support of our Interconnect products. As always, we greatly appreciate your business.

Sincerely,
 Duane Preiss
 Global Business Manager, 3M Interconnect Solutions