



Product Change Notification

TE Connectivity

Product Change Notification: P-18-016090

PCN Date: 12-JUL-18

TE would like to inform you of the following change(s) to the listed TE Connectivity Product. In case of any further questions about this change(s), please contact your TE Connectivity Sales Engineer. Affected part, drawing and/or specification numbers are listed on the attached sheet(s).

General Product Description:

COPPER CABLE ASSEMBLY, DIRECT ATTACH QSFP28

Description of Changes

Component Update: 1. Change from Madison bulk cable part number 04PB2LF021 (104-1518; 2 pair) & 16PB2LF011 (104-1451; 8 pair) to Madison bulk cable part number 04PB2LF025 (104-2215; 2 pair) & 16PB2LF018 (104-2218; 8 pair). 2. SFP28 latch design (QSFP28 Breakout Assembly). 3. Incorporate a Santoprene pull-tab on the QSFP28 module. Part Numbers Affected: (NOTE: Part numbers in parenthesis are TE standard part numbers with all component changes implemented.) 2231368-9 (2333393-4) 2231368-2 (2333393-5) 3-2231368-4 (2333393-6) 2231368-8 (2333393-7) 2821033-1 (2334236-2) 2821033-9 (2334236-3) 1-2821033-0 (2334236-4) 1-2821033-8 (2334236-5) 2821033-2 (2334236-6)

Other attachments:

[PCN - Full version](#)

Reason for Changes:

Product improvement. 1. TE has developed and released a new platform of 25G longitudinal wrap, aluminum shielded bulk cable in 30, 28, and 26 AWG (2/4/8 differential pair count), for use in current and emerging products such as QSFP28/56, QSFP-DD, SFP28/56, OSFP, etc. The benefits of making this change are: A). Increased throughput capacity with longitudinal shield wrapping vs. spiral wrap bulk cable; B). Overall cable diameter will be smaller (approx. 10%); C). Foundational design to next generation dual extrusion bulk cable to extend life of copper cable assemblies(112G). D). Meets IEEE802.3bj/by/cd signal integrity specification. 2. Simplified SFP28 latch design from three (3) components to one (1) component. 3. Transition to a smaller (2 inches versus 3.15 inches) and more flexible pull-tab (Santoprene versus polypropylene) on QSFP28 module that will allow flexibility and ease of routing the cable assembly within a rack system.

Estimated Dates:

Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):
	31-AUG-2018
Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):
	31-OCT-2018

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
1-2821033-0	NO						
1-2821033-8	NO						
2231368-2	NO						
2231368-8	NO						
2231368-9	NO						
2821033-1	NO						
2821033-2	NO						
3-2231368-4	NO						

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
1-2821033-0	NO						
2231368-2	NO						
2231368-8	NO						
2821033-1	NO						
2821033-2	NO						

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
1-2821033-0	NO						
2231368-2	NO						
2231368-8	NO						
2821033-1	NO						
2821033-2	NO						

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
1-2821033-0	NO						
2231368-2	NO						
2231368-8	NO						
2231368-9	NO						
2821033-1	NO						
2821033-2	NO						
3-2231368-4	NO						

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
1-2821033-0	NO						
1-2821033-8	NO						
2231368-2	NO						
2231368-8	NO						
2231368-9	NO						
2821033-1	NO						
2821033-2	NO						
3-2231368-4	NO						