



Product Change Notification

TE Connectivity

Product Change Notification: PCN-22-134379

PCN Date: 11-APR-22

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:
1xN QSFP28/QSFP56 cage assembly and zQSFP+ stacked cage assembly

Description of Changes
Add a second source gasket for the cage assembly products, part numbers listed in attachment
Other attachments:
[ROHS statement](#)
[EMI measurement result](#)
[PCN support document](#)

Reason for Changes:

PCN Attributes:	
Product Category: Connector Kit	Kind of Change: Material
Change Feature: Dual Source	Potential Customer Impact: No Customer Impact
Remarks:	

Estimated Dates:	
Last Order Date (Obsolete Parts Only): 28-JUN-2022	First Ship Date of Changed Items (Changed Parts Only): 12-JUL-2022
Last Ship Date of Changed Items (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only): No Mixed Shipments
Effectivity Date:	Date of First Samples: 06-APR-2022

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
2-2170754-3	NO						
2-2170814-2	NO						
2170752-1	NO						
2170752-2	NO						
2170753-1	NO						
2170753-2	NO						
2170754-1	NO						
2170812-1	NO						
2198373-1	NO						
2198373-2	NO						
2214565-1	NO						
4-2170754-5	NO						

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
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Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
2170752	2170752-1		A	
2170753	2170753-2, 2170753-1		A	
2170754	2170754-1, 2-2170754-3		B	
2170812	2170812-1		A	
2170814	2-2170814-2		A	
2198373	2198373-1, 2198373-2		A	
2214565	2214565-1		A	

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
2- 2170814-2	NO						
2170752-1	NO						
2170753-1	NO						
2170753-2	NO						
2170754-1	NO						
2170812-1	NO						
2198373-1	NO						

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
2170752	2170752-1		A	
2170753	2170753-1		A	
2170754	2170754-1		B	
2170812	2170812-1		A	
2170814	2-2170814-2		A	
2198373	2198373-1		A	

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
2- 2170754-3	NO						
2- 2170814-2	NO						
2170752-1	NO						
2170752-2	NO						
2170753-1	NO						
2170753-2	NO						
2170754-1	NO						
2170812-1	NO						
2198373-1	NO						
2198373-2	NO						
2214565-1	NO						
4- 2170754-5	NO						

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
2170753	2170753-1		A	
2170812	2170812-1		A	
2170814	2-2170814-2		A	
2198373	2198373-1		A	

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
2214565	2214565-1		A	

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
2- 2170754-3	NO						
2- 2170814-2	NO						
2170752-1	NO						
2170752-2	NO						
2170753-1	NO						
2170754-1	NO						
2198373-2	NO						
4- 2170754-5	NO						

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
2170752	2170752-1		A	
2170753	2170753-1		A	
2170754	2-2170754-3		B	
2170814	2-2170814-2		A	
2198373	2198373-2		A	

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
2198373-2	NO						

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
2198373	2198373-2		A	

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
2- 2170814-2	NO						
2170753-2	NO						

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
2170753	2170753-2		A	
2170814	2-2170814-2		A	

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
2-2170814-2	NO						
2170752-1	NO						
2170753-1	NO						
2170753-2	NO						
2170754-1	NO						
2170812-1	NO						
2198373-1	NO						



Document Certificate of conformance to RoHS EU directive	No.	Rev 3	
Prepared by Magnus Mattsson	Checked Magnus Mattsson	Date 2020-12-08	Page 1(1)

Certificate of Conformance

We hereby certify that all the silicone rubber materials produced by Nolato as listed below do not contain any of the restricted substances,

- Lead (Pb) and compounds
- Mercury (Hg) and compounds
- Cadmium (Cd) and compounds
- Chromium VI (Cr⁶⁺)
- PBB (polybrominated biphenyls)
- PBDE (polybrominated diphenyl ethers)
- Bis(2-ethylhexyl) phthalate (DEHP)
- Butyl benzyl phthalate (BBP)
- Dibutyl phthalate (DBP)
- Diisobutyl phthalate (DIBP)

All listed materials fulfil the requirements set by the EU Directive 2011/65/EU (RoHS) and the amendment, Directive 2015/863 of Annex II.

We also certify that all the silicone materials produced by Nolato as listed below do not contain any PVC.

Silicone Rubber

Nolato 1XXX series
Nolato 3XXX series
Nolato 7XXX series
Nolato 85XX series

XXX is any number from 000 and 999.

This certificate also covers the above listed materials when they are delivered as A+B or A+B+C or A+B+C+D.

Compashield Splicing Rubber

Nolato 73XX series

XX is any number from 00 and 99.

This certificate also covers the above listed materials when they are delivered as A+B.

Conductive Silicone Rubber

Nolato 86XX series

Nolato 87XX series

Nolato 88XX series

Nolato 89XX series

XX is any number from 00 and 99.

This certificate also covers the above listed materials when they are delivered as A+B or A+B+C.

Compatherm Silicone rubber

Nolato 92XX series

Nolato 93XX series

Nolato 94XX series

Nolato 95XX series

XX is any number from 00 and 99.

This certificate also covers the above listed materials when they are delivered as A+B.

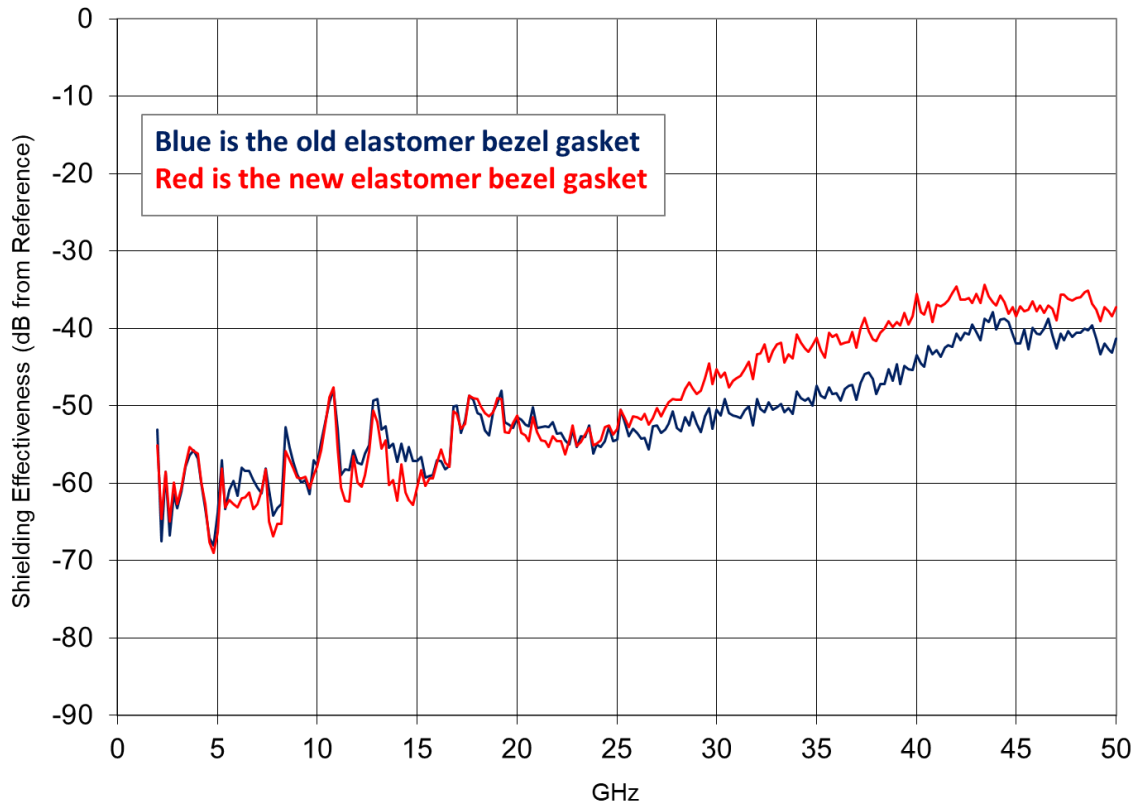
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Sweden

zQSFP+ 2x3 cage EMI Elastomer Bezel Gasket Comparison



Comparison of average shielding effectiveness between old and new zQSFP+ 2x3 cage elastomer bezel gaskets. The measurement shows a small difference in shielding effectiveness through 50 GHz.

MEASUREMENT RESULTS



SETUP & DISCLAIMER

The data was measured using a dual mode-stirred reverberation chamber. A swept source was used to energize a set of antennas on one side of the chamber. Energy leakage through the product is measured with a spectrum analyzer at the other side of the chamber. The measurements are repeated as the mode-stirrers rotate to ensure an even distribution of power throughout the volume of the chamber. The ratio of measured sample radiated power to a standardized input power is shown. Several measurements were averaged to obtain the single trace.

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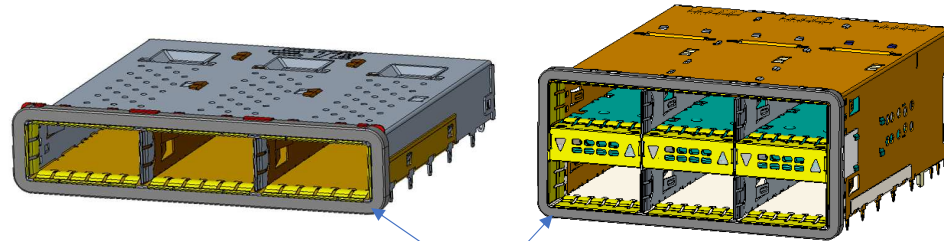
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Add a 2nd source gasket for zQSFP+ cage ASSY



EMI Gasket

Existing gasket

New gasket of 2nd source



Affected zQSFP+ part numbers:

1x1 cage PNs:

- 2170752-1/2/4/5/6/7,
- 2170753-1/2/3/4/5/6/7/8/9,
- 2170754-1/2/3/4/5/6/7/8/9,
- 1-2170754-0,
- 2-2170754-1/2/3/4/5/6/7/8/9,
- 4-2170754-1/2/3/4/5/6/7/8/9,
- 2306205-1/2
- 2316805-1/2,
- 2311786-1,
- 1-2198367-2

2x1 cage PNs:

- 2170608-1,
- 1-2170608-1,
- 2198373-1/2/3,
- 2227224-1/2/3

2x2 cage PNs:

- 1-2214593-2,
- 2214593-1/2/3,
- 2227225-1/2/3

2x3 cage PNs:

- 1-2214565-2,
- 2214565-1/2/3,
- 2227226-1/2/3,
- 2170610-1/3,
- 1-2170610-1/3,
- 2170695-1,
- 1-2170695-1

1x2 cage PNs:

- 2170811-1/2/4/5,
- 2170812-1/2/3/4/5/6,
- 2170813-1/2,
- 2170814-1/2/3/4/5/6,
- 2-2170814-1/2/3/4/5/6,
- 4-2170814-1/2/3/4/5/6,
- 2170827-1/2/3/4,
- 1-2198367-3

1x3 cage PNs:

- 2170767-1/2/4/5,
- 2170768-1/2/3/4/5/6,
- 2170769-1/2/3/4/5/6/7
- 2-2170769-1/2/3/4/5/6,
- 4-2170769-1/2/3/4/5/6,
- 2170774-1

1x4 cage PNs:

- 2170782-1/2/4/5,
- 2170783-1/2/3/4/5/6,
- 2170784-1/2/3,
- 2170785-1/2/3/4/5/6,
- 2-2170785-1/2/3/4/5/6,
- 4-2170785-1/2/3/4/5/6,
- 2170775-1/2/3/4