



Product Change Notification

Current Date: 09-Jan-2022

TE Connectivity

Product Change Notification: P-21-021442

PCN Date: 15-SEP-21

Customer: TTI Inc(0000139702)

Location: WORLDWIDE

Agreement: Agreement Unknown

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:

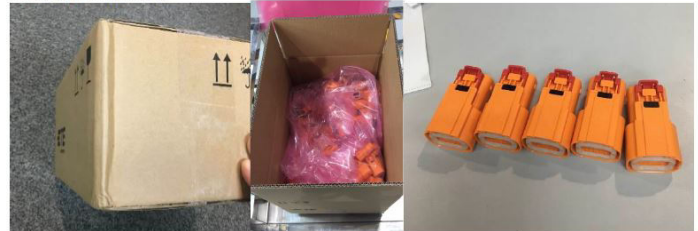
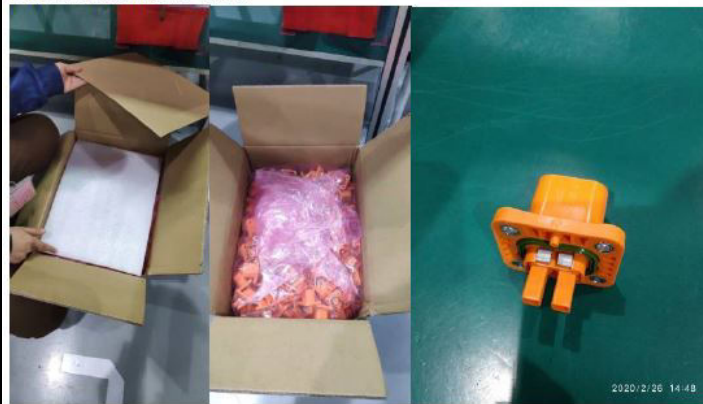
HV280 Plug & Header Packing Change

Description of Changes

HV280 Plug packing amount changed from 50pcs to 400pcs, HV280 Header packing amount changed from 50pcs to 300pcs

HV280 Header packing amount 300pcs

HV280 Plug packing amount 400pcs



The drop test result: Pass

The drop test result: Pass

Other attachments:

[Drop test OK](#)

Reason for Changes:

Product improvement.Improve packing efficiency

Estimated Dates:

Last Order Date (Obsolete Parts Only):

First Date To Ship (Changed Parts Only):

27-SEP-2021

Last Ship Date (Obsolete Parts Only):

Last Date for Mixed Shipments: (Changed Parts Only):

No Mixed Shipments

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
1-2103124-1	NO						
1-2103124-2	NO						
1-2103124-4	NO						
2103124-1	NO						
2103124-2	NO						
2103124-4	NO						
2103124-5	NO						
2103247-1	NO						
2103247-4	NO						
4-2103015-1	NO						
4-2103015-2	NO						
4-2103015-4	NO						
4-2103015-5	NO						
4-2103015-6	NO						
4-2103177-1	NO						

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
4-2103177-2	NO						
4-2103177-4	NO						
4-2103177-5	NO						
4-2103177-6	NO						

Customer: TTI, Inc. (1305175)

Location: Maisach-gernlinden

Agreement Number: Agreement Unknown

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
2103124-4	NO		TYC2103124-4				
4-2103015-5	NO		TYC4-2103015-5				
4-2103015-6	NO		TYC4-2103015-6				
4-2103177-1	NO		TYC4-2103177-1				
4-2103177-2	NO		TYC4-2103177-2				
4-2103177-4	NO		TYC4-2103177-4				
4-2103177-5	NO		TYC4-2103177-5				
4-2103177-6	NO		TYC4-2103177-6				

Customer: TTI Inc (3163151)

Location: Neu Isenburg

Agreement Number: Agreement Unknown

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
2103247-4	NO						

Customer: TTI Inc (3164508)

Location: Fort Worth

Agreement Number: Agreement Unknown

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
1-2103124-1	NO						
1-2103124-2	NO						
1-2103124-4	NO						
2103124-1	NO						
2103124-2	NO						
2103124-4	NO						
2103124-5	NO						
2103247-1	NO						
4-2103015-1	NO						
4-2103015-2	NO						
4-2103015-4	NO						
4-2103015-5	NO						

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
4- 2103177-1	NO						
4- 2103177-2	NO						
4- 2103177-4	NO						
4- 2103177-6	NO						

Customer: Tti Inc (3065672)

Location: Fort Worth

Agreement Number: Agreement Unknown

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
2103124-1	NO						
2103124-2	NO						
2103124-5	NO						

Customer: TTI Electronics Asia Pte Ltd. (2771300)

Location: Singapore

Agreement Number: Agreement Unknown

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
4- 2103015-2	NO						
4- 2103177-4	NO						
4- 2103177-5	NO						

Customer: TTI, Inc. (3057778)

Location: Maisach-gernlinden

Agreement Number: Agreement Unknown

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
2103124-4	NO		TYC2103124-4				
4- 2103015-5	NO		TYC4-2103015-5				
4- 2103015-6	NO		TYC4-2103015-6				
4- 2103177-1	NO		TYC4-2103177-1				
4- 2103177-2	NO		TYC4-2103177-2				
4- 2103177-4	NO		TYC4-2103177-4				
4- 2103177-5	NO		TYC4-2103177-5				
4- 2103177-6	NO		TYC4-2103177-6				

Customer: Tti Inc (3065242)

Location: Maisach-Gernlinden

Agreement Number: Agreement Unknown

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
4- 2103177-6	NO						

Customer: TTI Inc (168830)

Location: Fort Worth

Agreement Number: Agreement Unknown

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- 2103124-4	NO						
2103124-1	NO						
2103124-2	NO						
2103124-4	NO						
2103124-5	NO						
2103247-1	NO						
4- 2103015-1	NO						
4- 2103015-2	NO						
4- 2103015-4	NO						
4- 2103015-5	NO						
4- 2103177-1	NO						
4- 2103177-2	NO						
4- 2103177-4	NO						
4- 2103177-5	NO						
4- 2103177-6	NO						

Customer: TTI Electronics Asia Pte Ltd. (2771300)

Location: Singapore

Agreement Number: Agreement Unknown

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
4- 2103015-2	NO						
4- 2103177-4	NO						
4- 2103177-5	NO						

TEST RECORD Tyco Electronics Corporation China Auto	Title of Test Drop test Standard level 760mm	Test Number DTR-02-200305	
	Tester Jeff Zhu	Date Started 04 MAR 2020	Date Complete 04 MAR 2020
Requester Packaging design validation	Weight 6.9 (kg)	Quantity 400 pcs	
Product Description HVA280 PLUG	Part No See last page	No of Boxes 1	

TEST PROCEDURE: Tyco Electronics Packaging Specification 107-18078

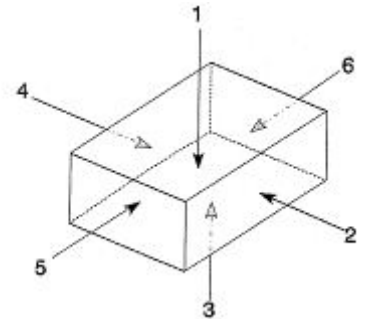
Standard Packaging Drop Test

Specimen Weight [kg]	Drop Heights [mm]	
	Standard Level	Extra Level
up to 9,5 kg	460	760
over 9,5 to 18,6 kg	310	610
over 18,6 to 27,7 kg	200	460
over 27,7 kg	200	310
Number of Drops	3	7

LOCATION:

PACKAGING DESCRIPTION:

Parts were bulked in a PE bag. Then in a carton.
400 pcs/carton



RESULTS:

Test Procedure			
Drop	Standard Level	Extra Level	Comments
1	Corner 3-4-5	Corner 3-4-5	
2	Edge 3-5	Edge 3-5	
3	Face 5	Edge 3-4	
4		Edge 4-5	
5		Face 5	
6		Face 4	

Remark: Drop Test Report number is below,

DTR-XX-XXXXXX

→ Product Line (00Old Report, 01Heads, 02Plugs, 03Ce-box, 04Sensor, 05Others)

7		Face 3	
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Drop Test

Drop Height: 760mm

Drop Procedure: Corner (3-4-5) → Edge (3-5) → Edge (3-4) → Edge (4-5)
 → Face (5) → Face (4) → Face (3)

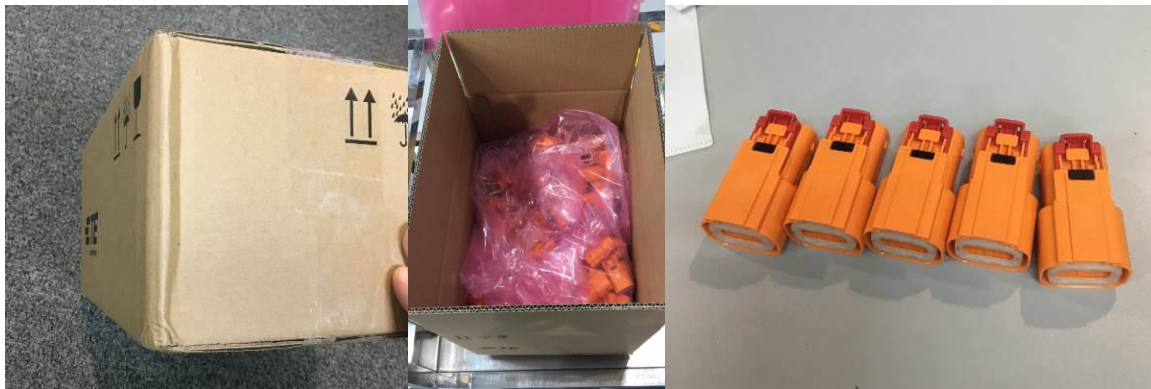
Before Test:

All of the products were OK and carton was ok with a whole appearance.



After Test:

Carton dropping corner and edge were out of shape.
 Inner packaging was OK.
 Products were OK.



The drop test result: Pass



Remark: Drop Test Report number is below,
 DTR-XX-XXXXXX
 ↓ ↓ ↓ ↓ ↓ ↓
 YY MM Sequence code
 → Product Line (00Old Report, 01Heads, 02Plugs, 03Ce-box, 04Sensor, 05Others)

280plug料号

4-2103015-1	4-2103177-1
4-2103015-2	4-2103177-2
4-2103015-4	4-2103177-4
4-2103015-5	4-2103177-5
4-2103015-6	4-2103177-6
4-2103350-1	4-2103177-7
4-2103350-2	2310537-1
4-2103350-4	2358516-1
4-2103350-5	2310537-2
4-2103587-1	2358516-2
4-2103587-2	2310537-4
4-2103587-4	2358516-4
4-2103587-5	2310537-5
2310538-1	2358516-5
2310538-2	2310537-6
2310538-4	2358516-6
2310538-5	2310537-7
2310538-6	2358516-7
2361027-1	2-2310537-1
2361027-2	2-2358516-1
2361027-4	2-2310537-2
2361027-5	2-2358516-2
2361027-6	2-2310537-4
2361027-7	2-2358516-4
1-2361027-1	2-2310537-5
1-2361027-2	2-2358516-5
1-2361027-4	2-2310537-6
1-2361027-5	2-2358516-6
1-2361027-6	2-2310537-7
1-2361027-7	2-2358516-7

280 improvement

280 improvement

Remark: Drop Test Report number is below,

DTR-XX-XXXXXX

→ Product Line (00Old Report, 01Heads, 02Plugs, 03Ce-box, 04Sensor, 05Others)