



Product Change Notification

Current Date: 29-Jan-2021

TE Connectivity

Product Change Notification: P-21-020356

PCN Date: 28-JAN-21

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:

CT POST HEADER SMT BOX TYPE ASSY CONNECTOR

Description of Changes

Change description of resin material on customer drawing from PA6T to Nylon

Other attachments:

[test report](#)

Reason for Changes:

Product improvement.Current resin material supplier short supply, TE will change the resin material from PA6T to local PA10T.

Estimated Dates:

Last Order Date (Obsolete Parts Only):

First Date To Ship (Changed Parts Only):

01-APR-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	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
1-292173-2	NO					
1-292173-3	NO					
1-292173-4	NO					
1-292173-5	NO					
1-292173-6	NO					
1-292173-7	NO					
1-292173-8	NO					
1-292173-9	NO					
176884-3	NO					
1932033-6	NO					
2-1932688-2	NO					
2-292173-2	NO					
2-292173-3	NO					
2-292173-4	NO					
2-292173-5	NO					
2-292173-6	NO					
2-292173-7	NO					
2-292173-8	NO					
2-292173-9	NO					
2-292174-2	NO					
2-292174-3	NO					
2-292174-4	NO					
2-292174-5	NO					
2-292174-6	NO					
2-292174-7	NO					
2-292174-8	NO					
2-292174-9	NO					
2-292175-2	NO					
2-292175-3	NO					
2-292175-4	NO					
2-292175-5	NO					
2-292175-6	NO					
2-292175-7	NO					
2-292175-8	NO					
2-292175-9	NO					
2-292358-4	NO					
2-292358-5	NO					
2-292358-6	NO					
2316489-3	NO					
2316489-4	NO					
2316489-5	NO					
292173-2	NO					

Part Number	Part Discontinued per PCN	Customer Drawing	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
292173-3	NO					
292173-4	NO					
292173-5	NO					
292173-6	NO					
292173-7	NO					
292173-8	NO					
292173-9	NO					
292174-2	NO					
292174-3	NO					
292174-4	NO					
292174-5	NO					
292174-6	NO					
292174-7	NO					
292174-8	NO					
292174-9	NO					
292175-2	NO					
292175-3	NO					
292175-4	NO					
292175-5	NO					
292175-6	NO					
292175-7	NO					
292175-8	NO					
292175-9	NO					
292358-3	NO					
292358-4	NO					
292358-5	NO					
292358-6	NO					
292463-4	NO					
292463-5	NO					
3-292173-2	NO					
3-292173-3	NO					
3-292173-4	NO					
3-292173-5	NO					
3-292173-6	NO					
3-292173-7	NO					
3-292173-8	NO					
3-292173-9	NO					
3-292462-4	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	Current Revision	New Revision
176884-SKC (Customer Restricted)	A	
292462-SNY (Customer Restricted)	D	
292463-SNY (Customer Restricted)	B1	
176884	B	
1932033	C	
1932688	A1	
2316489	A3	
292173	C3	
292174	C1	
292175	B2	
292358	B1	

CT SMT SMT HDR replacement material test report

2020/12/22

Tyco Electronics

Items: CT SMT HDR 292173-x, 292174-x, 292175-x,
2316489-x, 292358-x, 292462-x, 292463-x, 176884-3, 1932033-6, 1932688-x

Spec no. 108-60016

Test Items: TE pick up some test items for using replacement resin.

Current material: Mitsui Chemical Arlen Series PA6T

Replacement material : Kingfa PA10T

Result : Meet our spec 108-60016

* For detail test report, please see attached the files.

Spec No.	Test Items	Spec	Test report	Result
3.8.1(1)	Mating, Unmating	2-4pin	1	Meet
		mating 34.3N Max		
		un-mating 4.9N Min		
3.8.1(4)	Post Retention force	7.84N/pin Min	2	Meet
3.8.2(2)	Dielectric Strength	1000VAC, 5mA max	3	Meet
3.8.2(3)	Insulation Resistance	1000MΩ Min (Initial)	3	Meet
3.8.3(3)	Temperature Life	85+/-2°C, 96H	4	Meet
3.8.3(4)	Resistance to Cold	-25+/-3°C, 48H	5	Meet
3.8.3(5)	Humidity Steady state	40°C, 90-95%(RH)	3	Meet
3.8.3(6)	Thermal shock	-55°C~85°C for 30 min, 5cycles	6	Meet
3.8.3(9)	Solderbility	solder coverage over 95%	7	Meet
3.8.3(10)	Resistance to soldering Heat	Reflow peak 250°C	8	Meet
3.8.3(11-1)	Repeated Mating/Unmating	30 cycles	1	Meet
3.8.3(11-2)	Temperature Humidity cycle	25-65°C, 95%(RH), 5 cycles	9	Meet