Product Change Notification

TE Connectivity

Product Change Notification: PCN-23-169908 **PCN Date:** 21-MAR-23

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:
SFP PLUS AND ZSFP PLUS CAGE ASSEMBLY, WITH PIN TYPE HEAT SINK

Description of Changes
Changing pin type heatsink from electronic nickel plating to Anodized Natural coating. No performance change, detail see attachment. **Other attachments:** PCN support document

Reason for Changes:
To streamline component management; to promote environment-friendly manufacture process

PCN Attributes:	
Product Category:	**Kind of Change:**
Other Connector Accessories	Manufacturing Process Change
Change Feature:	**Potential Customer Impact:**
No Feature Change	Manufacturing Process Change
Remarks:	
Heat sink coating change	

Estimated Dates:	
Last Order Date (Obsolete Parts Only):	**First Ship Date of Changed Items** (Changed Parts Only):
	20-MAY-2023
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:**

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
1367645-5	NO						
1367645-6	NO						
1829904-3	NO						
2007193-1	NO						
2007277-1	NO						
2007464-3	NO						
2291634-1	NO						
2291634-2	NO						
2324719-1	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
1367645-5	NO						
1829904-3	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
1367645-5	NO						
1829904-3	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
1367645-5	NO						
1829904-3	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
1829904-3	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
2324719-1	NO						

Part Number(s) being Modified:

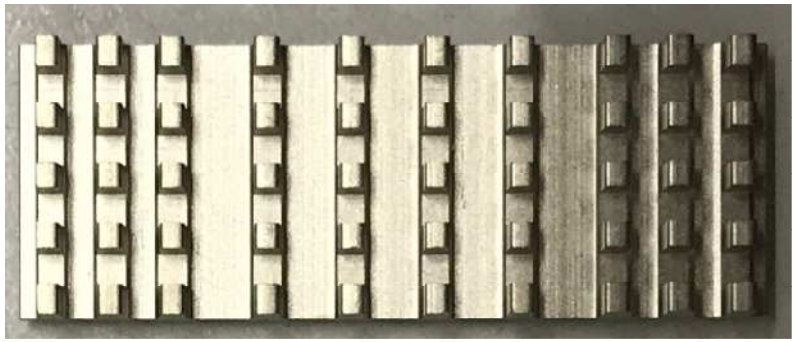
Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
1367645-6	NO						
2007193-1	NO						
2007277-1	NO						
2007464-3	NO						
2291634-1	NO						
2291634-2	NO						

PCN description:

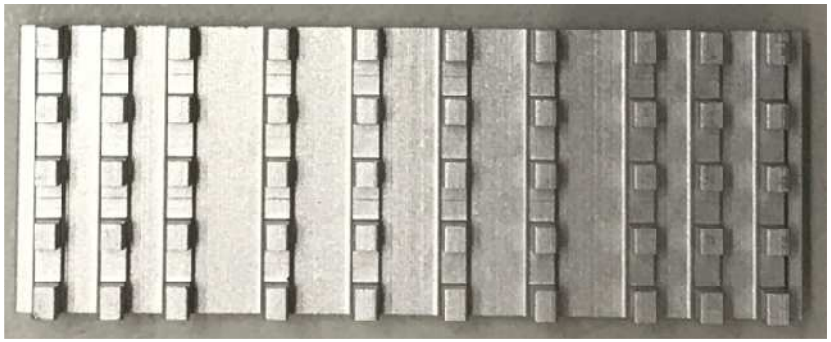
Changing heatsink from electronic nickel plating to Nature Anodize coating

Effected PIN type Heatsink:

1829903-2 = 4.2 HIGH - PCI
1829904-2 = 6.5 HIGH - SAN
1829905-2 = 13.5 HIGH - NETWORKIN



Exist Heatsink
Electronic Nickel Plated



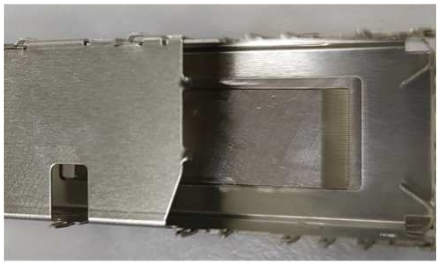
After changed
Nature Anodize Coating

The cage with Electronic Nickel Plated Heatsink:

Before test

During test

After 5cycles

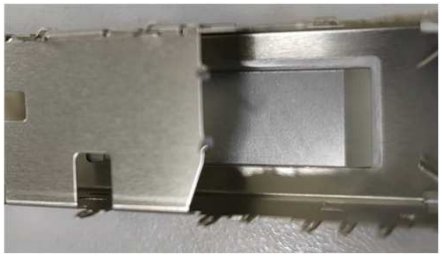


After 10cycles

The cage with Nature Anodize Coated Heatsink

Before test

During test



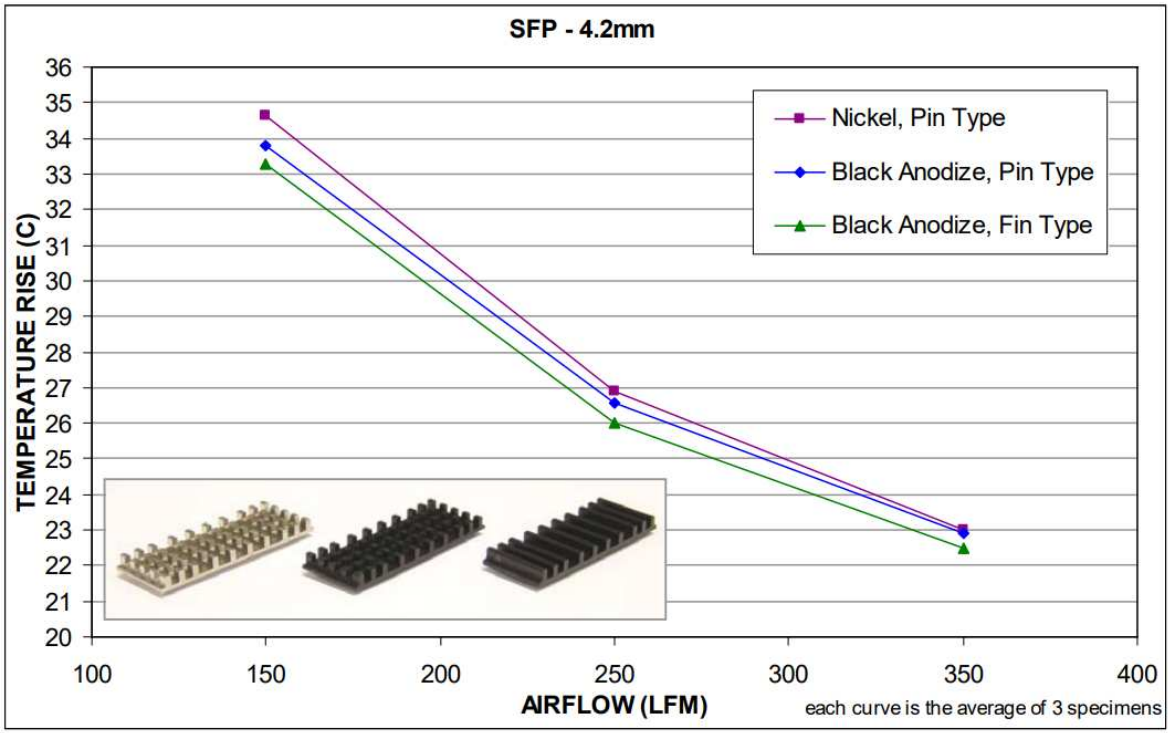
After 5cycles

After 10cycles

Test result:

Using plug to perform 5 & 10 cycles mating & un-mating tests, there is no obviously difference.

Temperature rise study for SFP+ heatsinks



Test result:

Per TE study, different coatings have very minor influence for heatsink thermal performance