



Product Change Notification

Current Date: 05-Jun-2025

TE Connectivity

Product Change Notification: PCN-25-246198

PCN Date: 02-JUN-25

Customer: Mouser Electronics Inc (167836)

Location: Mansfield

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).

Product Description: (Text limited to 120 characters)

MOD II - Breakaway HEADERS

General Description of Changes

Plating optimization for MOD II Breakaway Header. Before: (1) Current localized Gold Plating: 0.76 m(30 in) Au plating on contact area. (2) Current localized Gold Plating: 0.38 m(15 in) Au plating on contact area. After: (1) New localized Gold Plating: 0.66 m(26 in) PdNi+ 0.1 m(4 in) Au flash on contact area. (2) New localized Gold Plating : 0.28 m(11 in) PdNi+ 0.1 m(4 in) Au flash on contact area. Note: The Pd-Ni + Au flash plating has been validated for MOD II BKW header connector and test report is attached for reference.

Plating Note Before

0.000762 [.000030] GOLD ON CONTACT AREA,
0.00254-0.00508 [.000100-.000200] MATTE TIN,
ON SOLDER TAIL, ALL OVER 0.00127 [.000050] NICKEL.

PLATING: 0.000381 [.000015] GOLD ON CONTACT AREA,
.00254-0.00508 [.0000100-.0000200] MATTE TIN
ON SOLDER TAIL, ALL OVER 0.00127 [.000050] NICKEL.

Plating Note After

0.00066[0.000026] PdNi+ 0.00010[0.000004] Au flash ON CONTACT AREA
0.00254-0.00508 [.000100-.000200] MATTE TIN,
ON SOLDER TAIL, ALL OVER 0.00127 [.000050] NICKEL.

PLATING: 0.00028[0.000011] PdNi+ 0.00010[0.000004] Au flash ON CONTACT AREA
0.00254-0.00508 [.0000100-.0000200] MATTE TIN
ON SOLDER TAIL, ALL OVER 0.00127 [.000050] NICKEL.

Other attachments:
[Engineering Test report](#)
[Alternate Au plated PNs - PCN-25-246198](#)
Reason for Changes:

Product Improvement - Optimization of Plating for MOD II BKW Header (Au plating to PdNi+Au ash plating)

PCN Attributes:

Product Category:	Kind of Change:
Connectors	Material
Change Feature:	Potential Customer Impact:
Material Change	No Customer Impact
Remarks:	
Please Refer to Attached Excel (Alternate Au plated PNs - PCN-25-246198), Which listing parts are available with Au-plated options (Column B)	

Estimated Dates:

Last Order Date (Obsolete Parts Only):	First Ship Date of Changed Items (Changed Parts Only):
	10-DEC-2025
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
5-103325-5	NO						
5-103326-7	NO						
5-146130-1	NO						
5-146130-4	NO						
5-146130-9	NO						
5-146252-2	NO						
5-146252-3	NO						
5-146253-7	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
5-146253-8	NO						
5-146256-1	NO						
5-146256-2	NO						
5-146256-3	NO						
5-146256-4	NO						
5-146256-6	NO						
5-146256-7	NO						
5-146256-8	NO						
5-146257-5	NO						
5-146257-9	NO						
5-146269-1	NO						
5-146276-1	NO						
5-146276-3	NO						
5-146277-3	NO						
5-146277-8	NO						
5-146280-1	NO						
5-146280-2	NO						
5-146280-5	NO						
5-146280-7	NO						
5-146868-1	NO						
5-147279-1	NO						
5-147279-5	NO						
6-103326-3	NO						
6-146253-3	NO						
6-146253-7	NO						
6-146256-2	NO						
6-146281-0	NO						
7-146253-0	NO						
7-146256-0	NO						
9-146253-0	NO						
9-146256-0	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	Affected Revision
103325	5-103325-5		J2
146130	5-146130-1		M2
146252	5-146252-2		G4
146253	5-146253-3		J5
146256	5-146256-1		H1
146257	5-146257-5		N3
146276	5-146276-1		G3
146277	5-146277-3		H2
146280	5-146280-1		H4
146281	5-146281-2		G4
146868	5-146868-1		D
147279	5-147279-1		S