



Product Change Notification

Current Date: 02-Jul-2024

TE Connectivity

Product Change Notification: PCN-24-212901

PCN Date: 28-JUN-24

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)
Dynamic D-3000 Series Connector

General Description of Changes
TE has adopted an absolute goal of 30% CO2 reduction by 2032. Dedicated to our commitment to sustainable development. We participate in various initiatives , and use our creativity skills to help advancing our sustainability. Palladium(PdNi) with gold flash plating are emerging as sustainable alternatives to gold plating. These materials offer comparable electrical conductivity and corrosion resistance, making them suitable for many applications. Additionally, they significantly have a lower environmental impact ,due to reducing CO2 footprint of plating. Coming up with this solution ,we are glad to announce that we successfully added PdNi as an option of plating for Dynamic D3000 series advance our sustainability goals. FINISH (CONTACT AREA): Gold or PdNi +Gold flash; 0.38umMin over Nickel under plating. FINISH (CONTACT AREA): Gold or PdNi +Gold flash; 0.76umMin over Nickel under plating. Considering the possibility of the cross mating between PdNi and Gold, TE will make additional cross mating test. The process is planned to use PdNi plated female part to mate with gold plated male part as test sample for durability mating cycle test per the condition in product specification. Then the reversed plated test samples will be also tested in the same way. Below list the change Before: FINISH (CONTACT AREA): Gold plating 0.38umMin over Nickel under plating. Gold plating 0.76umMin over Nickel under plating. After: Add PdNi with gold flash as alternative material. FINISH (CONTACT AREA): Gold plating or PdNi with gold flash; 0.38umMin over Nickel under plating. Gold plating or PdNi with gold flash; 0.76umMin over Nickel under plating.

Reason for Changes:
Add PdNi with gold flash as alternative material.

PCN Attributes:	
Product Category:	Kind of Change:
Connectors	Material
Change Feature:	Potential Customer Impact:
Material Change	No Customer Impact
Remarks:	

Estimated Dates:	
Last Order Date (Obsolete Parts Only):	First Ship Date of Changed Items (Changed Parts Only):
	30-SEP-2024
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
1-175194-2	NO						
1-175194-3	NO						
1-175195-2	NO						
1-175217-2	NO						
1-175218-2	NO						
1-178136-3	NO						
1-178140-2	NO						
1-178313-3	NO						
1-178316-2	NO						
1-179277-2	NO						
1-316080-2	NO						
1-316132-3	NO						
1-353717-3	NO						
1-917338-2	NO						
1-917484-3	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
1-917511-2	NO						
1-917658-2	NO						
1717412-2	NO						
175194-2	NO						
175217-3	NO						
175218-2	NO						
175218-3	NO						
175284-2	NO						
175284-3	NO						
175285-2	NO						
175285-3	NO						
175286-3	NO						
175288-2	NO						
175288-3	NO						
175289-2	NO						
175289-3	NO						
177555-2	NO						
178305-3	NO						
178306-2	NO						
178307-2	NO						
178308-3	NO						
2-178314-3	NO						
2-179276-2	NO						
353717-2	NO						
353717-3	NO						
917485-2	NO						
917485-3	NO						
917512-2	NO						