



28-Jun-2024

**PCN #:** PCN-24-212901

**Subject :** Dynamic D-3000 Series Connector

**Description of Change :** 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 glod flash; 0.38umMin over Nickel under plating.

Gold plating or PdNi with glod flash; 0.76umMin over Nickel under plating.

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

**Key Dates :**

**Contact By Date:**30-Sep-2024

**Implementation Date:**30-Sep-2024

Product Affected	Alias Part Number	Substitute Part Number	AliasSub Part Number
1-1123624-2			

1-1318907-2			
1-175194-2			
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1-175195-2			
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1-2343327-2			
1-2356513-2			
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The dates on the product change notification (PCN) are best estimate dates determined at the time of issuance. Actual implementation dates may vary from such dates.

The change described in the PCN can be withdrawn, without notice, for any or all of the products identified on the PCN.

TE Connectivity corporate policy is for PCNs to be valid for 60 days and obsolescence notices to be valid for 180 days after date of issue.

For confirmation or additional information on the change, please contact the TE Connectivity Product Information Center at 800-522-6752 or your TE Connectivity Sales Representative.

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