



# Product Change Notification

Current Date: 21-May-2026

## TE Connectivity

**Product Change Notification:** PCN-26-277958

**PCN Date:** 19-MAY-26

**Customer:** TTI Inc ( 168830 )

**Location:** Fort Worth

**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)**  
HVP-HD1000 and HD1400 series header

**General Description of Changes**  
Add cleanliness level in application specification Affected HD1000 header application specification 114-160181 change from rev.B to rev.C Affected HD1400 header application specification 114-160222 change from rev.B to rev.C

	<p><b>Add cleanliness level</b></p> <p>The cleanliness level achievable by the TE PowerTube header product line is shown below, including the particle size and quantity for total contaminants, as well as for metallic (M) and non-metallic (NM) particles. The cleanliness testing method is based on ISO 16232.</p> <p>TE PowerTube header 产品系列可实现的清洁度水平如下，包含总颗粒物的尺寸和数量，以及金属（M）和非金属（NM）颗粒物的尺寸和数量。清洁度测试方法参考 ISO 16232 标准。</p> <p>Particle quantity /1000cm<sup>2</sup> of product surface, see below table</p> <p>每1000cm<sup>2</sup>的颗粒物数量，见下表</p> <table border="1"> <thead> <tr> <th>Particle size in um</th> <th>Total Number of Particles</th> <th>Number of Metallic</th> <th>Number of Non-Metallic</th> </tr> </thead> <tbody> <tr> <td>400-600</td> <td>36</td> <td>10</td> <td>26</td> </tr> <tr> <td>600-1000</td> <td>14</td> <td>4</td> <td>10</td> </tr> <tr> <td>&gt;1000</td> <td>0</td> <td>0</td> <td>0</td> </tr> </tbody> </table>	Particle size in um	Total Number of Particles	Number of Metallic	Number of Non-Metallic	400-600	36	10	26	600-1000	14	4	10	>1000	0	0	0
Particle size in um	Total Number of Particles	Number of Metallic	Number of Non-Metallic														
400-600	36	10	26														
600-1000	14	4	10														
>1000	0	0	0														

**Reason for Changes:**  
Add cleanliness level

<b>PCN Attributes:</b>	
<b>Product Category:</b> Hems Products	<b>Kind of Change:</b> Specification
<b>Change Feature:</b> Application Specification	<b>Potential Customer Impact:</b> No Customer Impact
<b>Remarks:</b>	

<b>Estimated Dates:</b>	
<b>Last Order Date (Obsolete Parts Only):</b>	<b>First Ship Date of Changed Items (Changed Parts Only):</b> 01-JUN-2026
<b>Last Ship Date of Changed Items (Obsolete Parts Only):</b>	<b>Last Date for Mixed Shipments: (Changed Parts Only):</b> No Mixed Shipments
<b>Effectivity Date:</b>	<b>Date of First Samples:</b>

**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
<a href="#">1-2394061-1</a>	NO						



# Product Change Notification

Current Date: 21-May-2026

## TE Connectivity

**Product Change Notification:** PCN-26-277958

**PCN Date:** 19-MAY-26

**Customer:** TTI Inc. ( 3164508 )

**Location:** Fort Worth

**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)**

HVP-HD1000 and HD1400 series header

**General Description of Changes**

Add cleanliness level in application specification Affected HD1000 header application specification 114-160181 change from rev.B to rev.C Affected HD1400 header application specification 114-160222 change from rev.B to rev.C

**Add cleanliness level**

The cleanliness level achievable by the TE PowerTube header product line is shown below, including the particle size and quantity for total contaminants, as well as for metallic (M) and non-metallic (NM) particles. The cleanliness testing method is based on ISO 16232.

TE PowerTube header 产品系列可实现的清洁度水平如下，包含总颗粒物的尺寸和数量，以及金属（M）和非金属（NM）颗粒物的尺寸和数量。清洁度测试方法参考 ISO 16232 标准。

Particle quantity /1000cm<sup>2</sup> of product surface, see below table

每1000cm<sup>2</sup>的颗粒物数量，见下表

Particle size in um	Total Number of Particles	Number of Metallic	Number of Non-Metallic
400-600	36	10	26
600-1000	14	4	10
>1000	0	0	0

**Reason for Changes:**

Add cleanliness level

**PCN Attributes:**

<b>Product Category:</b> Hems Products	<b>Kind of Change:</b> Specification
<b>Change Feature:</b> Application Specification	<b>Potential Customer Impact:</b> No Customer Impact
<b>Remarks:</b>	

**Estimated Dates:**

<b>Last Order Date</b> (Obsolete Parts Only):	<b>First Ship Date of Changed Items</b> (Changed Parts Only): 01-JUN-2026
<b>Last Ship Date of Changed Items</b> (Obsolete Parts Only):	<b>Last Date for Mixed Shipments:</b> (Changed Parts Only): No Mixed Shipments
<b>Effectivity Date:</b>	<b>Date of First Samples:</b>

**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
<a href="#">1-2394061-1</a>	NO						