

# **Product Change Notification**

Current Date: 17-Oct-2021

## **TE Connectivity**

**Product Change Notification: PCN-21-117278** 

**PCN Date: 15-OCT-21** 

Customer: TTI Inc(0000139702)

**Location:** WORLDWIDE **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).

#### General Product Description:

PRODUCT GROUP DRAWING FOR TAB CONTACT 1.2 MM Produktgruppenzeichnung Flachstecker 1.2 mm

#### **Description of Changes**

1. Product Drawing update. Obsolete PNs 0-1418758-x and 0-1418760-x removed from customer drawing. 2. In conformity with the interface pin tip for MCON 1.2 tabs, 114-94201 we are homologizing and correcting the plated mating tab length to be 6.5mm for Au variants. 3. Higher temper class for body material of PN1418762-x and 1718762-x Other attachments:

PCN-21-117278

#### Reason for Changes:

1. PNs 0-1418758-x and 0-1418760-x superseded by 5-1418758-x and 5-1418760-x. 2. These changes does not imply any change in function of the product as there are no applications at risk in the market. As per the industry standard: 114-94201 and EWCAP-001 indicates a required pin tip length of 7.4 +-0.2mm in total and <=1.8mm Plated. Bringing its minimum to 6.0mm. 3. Better electrical performance to pass European standard of slow motion bending test (LV214-2)

#### Estimated Dates:

Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):		
Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):		
	No Mixed Shipments		

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.

Note: This PCN contains only document changes, these changes do not affect the form, fit or function of the parts referenced.

### Customer Drawing(s) Being Modified:

<b>Drawing Number</b>	Related Part Number	Customer Part Number	<b>Current Revision</b>	<b>New Revision</b>
1418754	1718762-1. 1418762-1. 1718760-1. 5-1418758-3	TYC1418762-1	C12	

Customer: TTI, Inc. (1305175)

Location: Maisach-gernlinden

Agreement Number: Agreement Unknown

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#### Customer Drawing(s) Being Modified:

<b>Drawing Number</b>	Related Part Number	Customer Part Number	<b>Current Revision</b>	New Revision
<u>1418754</u>	1418762-1	TYC1418762-1	C12	

Customer: TTI Inc ( 3164508 ) Location: Fort Worth Agreement Number: Agreement Unknown

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:**

<b>Drawing Number</b>	Related Part Number	Customer Part Number	<b>Current Revision</b>	New Revision
<u>1418754</u>	1418762-1		C12	

Customer: TTI Electronics Hungary Ltd ( 3163162 ) Location: Budapest Agreement Number: Agreement Unknown

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:

<b>Drawing Number</b>	Related Part Number	<b>Customer Part Number</b>	<b>Current Revision</b>	<b>New Revision</b>
<u>1418754</u>	1718762-1		C12	

Customer: Shanghai TTI ELectronics Co Ltd (1405773) Location: Shanghai Agreement Number: Agreement Unknown

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:**

<b>Drawing Number</b>	Related Part Number	Customer Part Number	<b>Current Revision</b>	New Revision
1418754	1718760-1		C12	

Customer: TTI Electronics Asia Pte Ltd. ( 2771300 ) Location: Singapore Agreement Number: Agreement Unknown

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:

<b>Drawing Number</b>	Related Part Number	Customer Part Number	<b>Current Revision</b>	New Revision
<u>1418754</u>	5-1418758-3		C12	



#### **PCN Description of Eng. Changes**

PCN No.
OEM / CAM informed
Estimated First Date for samples

PCN-21-117278				
Yes				

#### PRODUCT GROUP DRAWING FOR TAB CONTACT 1.2 MM Produktgruppenzeichnung Flachstecker 1.2mm Before - Rev. C12 After - Rev. D CD-1418754 1718762-3 B E = 2.6 G = 2.9 D<sub>tr</sub> = 1.35 1718762·3 [@ CuNiSi CuSn0.15/0.2 A = 3.0 B = 2.0 C = 6.8 1718762 · 2 1.9- 2.4 1.0 - 1.5 D<sub>10</sub>= 2.9 M = 0.8 1718762-2 Δ 1718762-1 H = 4.2 K = 4.3 D<sub>se</sub>= 2.7 M = 0.8 1718762-1 (@) 1718760-3 A 1718760-2 B 0.5 - 0.75 1.4 - 1.9 16.3 1718760-3 CuNiSi CuSn0.15/0.2 Δ E = 2.0 G = 2.1 D<sub>m</sub>= 1.1 TIN PLATED 1718760-I A 1718760-2 B 0.5 - 0.75 1718758-3 1718760-1 1718758-2 B 0.25 - 0.35 1718758-1 1718758-1 2141868-3 2141868-2 2141868-1 1718758-3 CuNiSi CuSn0.15/0.2 Δ E = 1.8 G = 1.8 D<sub>er</sub>= 0.8 1718758-2 B 0.25 - 0.35 1.1 - 1.75 TIN PLATED 2141868-3 A CuNiSi EuSn0.15/0.2 K = 4.1 D<sub>se</sub>= 2.6 M = 0.6 16.3 2141868-2 A 2.6 1718758-1 2141868-3 1418762 · 3 A 2141868-2 TIN PLATED 1418762-2 2141868-1 5-1418760-3 A TIN PLATED werstoner 1418762-3 1.9 - 2.4 CuNiSi CuSn0.15/0.2 Δ E = 2.0 G = 2.1 D<sub>o</sub>.= 1.1 E = 2.6 G = 2.9 D<sub>e</sub>= 1.35 16.3 C(® 5-1418760-2 A 0.5 - 0.75 1418762-2 1.0 - 1.5 Δ 5-1418760-1 A TIN PLATED 1418762-1 B(B) 1418760-3 $\triangle$ E = 2.0 G = 2.1 D<sub>sr</sub>= 1.1 1418760-2 ( 0.5 - 0.75 16.3 1.4 . 1.9 Cu N : S : (uSn0.15/0.2 5-1418760-2 A 0.5 - 0.75 1.4 - 1.9 $\Delta$ 1418760-1 B 5-1418760-1 G = 1.8 D<sub>0</sub> = 0.8 5-1418758-2 B 0.25 - 0.35 i-1418758-3 A Δ TIN PLATED | 5-1418758-1 A 5-1418758-2 B 0.25 - 0.35 1418758-3 A 1.1 - 1.75 Cunisi (usno.15/0.2 5-1418758-1 A A = 2.6 B = 2.0 K = 2.6 D<sub>se</sub>= 1.4 1418758-2 B 0.25 - 0.35 16.3 2141864-3 0.85 - 1.2 CuNiSi CuSn0.15/0.2 Δ 1418758-1 A A = 2.5 2141864-2 TIN PLATED 15.3 0.13 - 0.22 15.3 2141864-1 2141864-2 A INSULATION CRIMP SPR ING Forter Feder LENGTH 2141864-ORDER NO. Bestell-Nr. STRIP Bandware DESIGN W IRE-ERIMP WIRE RANGE INSULATION-05 CRIMP DIMENSION Crimoshnessungen LENGTH WIRE (RIMP INSULATION (RIMP ORDER NO Besieli-ir. STRIP Bandware DESIGN Onahlgroessen bereich (mm ?) INSULATION-Ø SURFACE ObertLacche CRIMP DIMENSION Crimpabnessungen MIN. 7.4 3 MIN. 6.5 4 3 (13)

x Potential Impact for Customer	χ Product Type	Х	Change Type	χ Kind of Change	Х	Change Feature	Remark / Free text
x No Customer Influence	x TERMINALS	х	Form, Fit, Function	x Material	х		Higher temper class for body material of PN1418762-x and 1718762-x.  Better electrical performance to pass European standard of slow motion bending test (LV214-2)
x No Customer Influence	x TERMINALS	х	No Form, Fit, Function	x Revision Adjustment / Part Clarification	х	•	Product Drawing update. Obsolete PNs 0-1418758-x and 0-1418760-x removed from customer drawing. PNs 0-1418758-x superseded by 5-1418758-x and 0-1418760-x superseded by 5-1418760-x.
x Revision adapted	x TERMINALS	x	Form, Fit, Function	x Drawing	x		In conformity with the interface pin tip for MCON 1.2 tabs, 114-94201 we are homologizing and correcting the plated mating tab length to be 6.5mm for Au variants. These changes does not imply any change in function of the product as there are no applications at risk in the market.  As per the industry standard: 114-94201 and EWCAP-001 indicates a required pin tip length of 7.4 +-0.2mm in total and <=1.8mm Plated. Bringing its minimum to 6.0mm.