



# Product Change Notification

Current Date: 02-Aug-2016

## TE Connectivity

**Product Change Notification:** P-16-013364

**PCN Date:** 31-JUL-16

**Customer:** Heilind Electronics  
Inc(0002135900)

**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:**

Change of D1000 SERIES Application specification

**Description of Changes**

The contents for changes are addition of handtool , changes of Crimp height and change of finished insulation diameter. But the Product Specification is not changed. Therefore, No need to get the approval from the customer for this notice. See attached document for detail.

**Other attachments:**
[114-5377 RevF](#)
**Reason for Changes:**

Product improvement.

**Estimated Dates:**
**Last Order Date** (Obsolete Parts Only):

**First Date To Ship** (Changed Parts Only):

19-AUG-2016

**Last Ship Date** (Obsolete Parts Only):

**Last Date for Mixed Shipments:** (Changed Parts Only):

No Mixed Shipments

**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="#">1827569-2</a>	NO						
<a href="#">1827570-2</a>	NO						
<a href="#">1827572-2</a>	NO						
<a href="#">1827587-2</a>	NO						
<a href="#">1827589-2</a>	NO						
<a href="#">1871303-1</a>	NO						
<a href="#">1903118-2</a>	NO						
<a href="#">1903122-1</a>	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.

**Document(s) Being Modified:**

Documents Number	Related Part Number	Customer Part Number	Current Revision	New Revision
<a href="#">114-5377</a>	1-1827863-7, 1-1827864-3, 1827572-2, 1-1827863-0, 1-1827864-4, 1-1903130-3		F	

**Customer:** Maverick Electronics( 155784 )

**Location:** Mayfield Village

**Agreement Number:** Agreement Unknown

**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="#">1827570-2</a>	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.

## Document(s) Being Modified:

Documents Number	Related Part Number	Customer Part Number	Current Revision	New Revision
<a href="#">114-5377</a>	1-1827863-0		F	

Customer: Heilind Asia Pacific (Hong Kong)( 2991513 )

Location: Hong Kong

Agreement Number: Agreement Unknown

## 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="#">1903122-1</a>	NO						

Customer: Heilind Asia Pacific (Hong Kong)( 2980376 )

Location: Hong Kong

Agreement Number: Agreement Unknown

## 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="#">1827572-2</a>	NO						
<a href="#">1903122-1</a>	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.

## Document(s) Being Modified:

Documents Number	Related Part Number	Customer Part Number	Current Revision	New Revision
<a href="#">114-5377</a>	1827572-2		F	

Customer: Heilind Asia Pacific (HK) Ltd( 3087523 )

Location: Dongguan

Agreement Number: Agreement Unknown

## 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="#">1871303-1</a>	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.

## Document(s) Being Modified:

Documents Number	Related Part Number	Customer Part Number	Current Revision	New Revision
<a href="#">114-5377</a>	1-1827863-7		F	

Customer: Heilind Electronics( 167811 )

Location: Wilmington

Agreement Number: Agreement Unknown

## 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="#">1827572-2</a>	NO						
<a href="#">1827587-2</a>	NO						
<a href="#">1827589-2</a>	NO						
<a href="#">1903118-2</a>	NO						

Customer: Heilind Asia Pacific( 3068918 )

Location: Kwai Chung

Agreement Number: Agreement Unknown

## 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="#">1827569-2</a>	NO						
<a href="#">1827589-2</a>	NO						
<a href="#">1903118-2</a>	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.

## Document(s) Being Modified:

Documents Number	Related Part Number	Customer Part Number	Current Revision	New Revision
<a href="#">114-5377</a>	1-1827864-4		F	

Customer: Heilind Electronics( 1275266 )

Location: Visalia

Agreement Number: Agreement Unknown

## 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="#">1827572-2</a>	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.

## Document(s) Being Modified:

Documents Number	Related Part Number	Customer Part Number	Current Revision	New Revision
<a href="#">114-5377</a>	1-1827864-3		F	

Customer: Heilind Asia Pacific HK Ltd( 3107423 )

Location: Shatin

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.

## Document(s) Being Modified:

Documents Number	Related Part Number	Customer Part Number	Current Revision	New Revision
<a href="#">114-5377</a>	1-1903130-3		F	

**Crimping requirements for DYNAMIC 1000 Series contacts  
(DYNAMIC 1000 シリーズコンタクトの圧着条件)**

1. 適用範囲

本規格は DYNAMIC 1000 シリーズコンタクトの圧着条件について規定するものである。

2. 適用製品

Fig.1 参照。

1. Scope

This application specification covers the crimping requirements for DYNAMIC 1000 Series contacts.

2. Applicable Product Part Number

See Fig.1.

端子種類 Contact Type	サイズ Size	端子型番 Contact Part No.  ※L/P:Loose Piece	めっき仕様 Plating Finish	適用電線 Wire Size (AWG# REF) [ mm <sup>2</sup> ]	適用被覆外径 Insulation Diameter [ mm ]
リセプタクルコンタクト Receptacle Contact	S	1827569-2 : Reel ( 1827586-2 ) : L/P	金めっき Gold Plating	0.05~0.10 (#30~#28)	φ 0.60~ φ 1.20
		— ( — )	錫めっき Tin Plating		
	M	1827570-2 : Reel ( 1827587-2 ) : L/P	金めっき Gold Plating	0.08~0.37 (#28~#22)	φ 1.08~ φ 1.60
		1939991-2 : Reel ( 1939992-2 ) : L/P	金 0.76めっき Gold 0.76Plating		
		1871303-1 : Reel ( 1871743-1 ) : L/P	錫めっき Tin Plating		
	L 【a】	1827571-2 : Reel ( 1827588-2 ) : L/P	金めっき Gold Plating	0.08~0.37 (#28~#22)	φ 1.08~ φ 1.90
		1871304-1 : Reel ( 1871744-1 ) : L/P	錫めっき Tin Plating		
	2L 【a】	1827572-2 : Reel ( 1827589-2 ) : L/P	金めっき Gold Plating	0.34~0.87 (#22~#18)	φ 1.40~ φ 2.20
		1871731-1 : Reel ( 1871745-1 ) : L/P	錫めっき Tin Plating		
	タブコンタクト Tab Contact	S	1903111-2 : Reel ( 1903115-2 ) : L/P	金めっき Gold Plating	0.05~0.10 (#30~#28)
— ( — )			錫めっき Tin Plating		
M		1903112-2 : Reel ( 1903116-2 ) : L/P	金めっき Gold Plating	0.08~0.37 (#28~#22)	φ 1.08~ φ 1.60
		1903120-1 : Reel ( 1903124-1 ) : L/P	錫めっき Tin Plating		
L 【a】		1903113-2 : Reel ( 1903117-2 ) : L/P	金めっき Gold Plating	0.08~0.37 (#28~#22)	φ 1.08~ φ 1.90
		1903121-1 : Reel ( 1903125-1 ) : L/P	錫めっき Tin Plating		
2L 【a】		1903114-2 : Reel ( 1903118-2 ) : L/P	金めっき Gold Plating	0.34~0.87 (#22~#18)	φ 1.40~ φ 2.20
		1903122-1 : Reel ( 1903126-1 ) : L/P	錫めっき Tin Plating		

Fig 1

【a】. L 及び 2L サイズは、D1100 (2.0mm Pitch) ハウジングへの装着はできません。

【a】. L and 2L size are not applicable for D1100 (2.0mm Pitch) housings.



4. 圧着データ

4. Crimping Data

4.1 アプリケータ

4.1 Applicator

Fig.4 参照。

See Fig.4.

連鎖状 コンタクト型番 Reel Contact Part No	アプリケータ Applicator		電線サイズ Wire Size		絶縁被覆 剥き長さ Insulation Stripping Length [mm]	芯線圧着部 Wire Crimp		絶縁被覆 Insulation		絶縁被覆 仕上外径 Finished Insulation Diameter [mm]	圧着部 引張強度 Crimp Tensile Strength [Kg MIN]
	型番 Number [d]	タイプ Type	本数 No. of Con- ductor [e]	断面積 Cross Section [mm <sup>2</sup> ] (AWG) [f]		呼び巾 Width [mm]	圧着高 Crimp Height [mm]	⑨ 圧着巾 Barrel Width [mm]	⑩ 圧着高 Crimp Height [mm]		
S 1827569-2 1903111-2	1891033-1 1891033-2	HD-J	1	0.05~ 0.06(#30)	2.0±0.3	0.90 (REF)	0.54±0.03	1.5MAX "F"	1.4~ 1.8MAX	φ0.60~ φ1.20	0.5
	1891034-1 1891034-2	HD-C	1	0.08~ 0.10(#28)			0.57±0.03				1.0
M 1827570-2 1871303-1 1903112-2 1903120-1 1939991-2	1891035-1 1891035-2	HD-J	1	0.08~ 0.10(#28)	2.0±0.3	1.16 (REF)	0.64±0.03	1.5MAX "F"	1.6~ 2.2MAX	φ1.08~ φ1.60	1.0
	1762754-1 1762754-2	HD-C	1	0.12~ 0.15(#26)			0.67±0.03				2.0
			1	0.21~ 0.23(#24)			0.73±0.03				3.0
	1	0.34~ 0.37(#22)	0.80±0.03	4.5							
L [c] 1827571-2 1871304-1 1903113-2 1903121-1	1891036-1 1891036-2	HD-J	1	0.08~ 0.10(#28)	2.0±0.3	1.16 (REF)	0.64±0.03	2.1MAX "F"	1.6~ 2.4MAX	φ1.08~ φ1.90	1.0
	1762755-1 1762755-2	HD-C	1	0.12~ 0.15(#26)			0.67±0.03				2.0
			1	0.21~ 0.23(#24)			0.73±0.03				3.0
	1	0.34~ 0.37(#22)	0.80±0.03	4.5							
2L [c] 1827572-2 1871731-1 1903114-2 1903122-1	1891037-1 1891037-2	HD-J	1	0.34~ 0.37(#22)	2.0±0.3	1.40 (REF)	0.85±0.03	2.1MAX "F"	2.0~ 2.4MAX	φ1.40~ φ2.20	4.5
	1891038-1 1891038-2	HD-C	1	0.51~ 0.53(#20)			1.00±0.03				6.5
			1	0.85~ 0.87(#18)			1.15±0.03				6.5

Fig 4

[c]. L 及び 2L サイズは、D1100 (2.0mm Pitch) ハウジングへの装着はできません。

[c]. L and 2L size are not applicable for D1100 (2.0mm Pitch) housings

[d]. アプリケータ型番で、—1 はリードメーカー用、—2 はベンチマシン用です。

[d]. About the applicator number, —1 is for the reed maker and —2 is for the bench machine.

[e]. 複数本圧着は適用していません。(2本圧着等)  
素線径はφ0.1mm以上の電線を使用してください。

[e]. The contacts are not applicable for crimping multi wires.  
The strand diameter should be over φ0.1mm.

[f]. 単線電線は使用できません。

[f]. Solid wire is not applied.

4.2 手動工具

4.2 Hand Tool

Fig.5 参照。

See Fig.5.

バラ状 コンタクト型番 Loose Piece Contact Part No	手動工具 型番 Hand Tool Number  CC Number PEW Number (PEW Only Dies)	電線サイズ Wire Size		絶縁被覆 剥き長さ Insulation Stripping Length [mm]	芯線圧着部 Wire Crimp		絶縁被覆 Insulation		絶縁被覆 仕上外径 Finished Insulation Diameter [mm]	圧着部 引張強度 Crimp Tensile Strength [Kg MIN]		
		本数 No. of Con- ductor [h]	断面積 Cross Section [mm <sup>2</sup> ] (AWG) [i]		呼び巾 Width [mm]	圧着高 Crimp Height [mm]	⑨ 圧着巾 Barrel Width [mm]	⑩ 圧着高 Crimp Height [mm]				
S	1827586-2	<del>1762952-1</del> 2119144-1 1762952-1 (1762953-1)	1	0.05~ 0.06(#30)	2.0±0.3	0.90 (REF)	0.49~0.59	1.5MAX " F "	<del>1.4</del> <del>1.8MAX</del>	<del>φ 0.60~</del> <del>φ 1.20</del> 1.00	0.5	
	1903115-2		1	0.08~ 0.10(#28)					0.52~0.62	1.5 (REF)	0.8~ 1.2	1.0
M	1827587-2 1871743-1	<del>1762846-1</del> 2119141-1 1762846-1 (1762847-1)	1	0.08~ 0.10(#28)	2.0±0.3	1.16 (REF)	0.59~0.69	1.5MAX " F "	<del>1.6</del> <del>2.2MAX</del> 1.95 (REF)	<del>φ 1.08~</del> <del>φ 1.60</del> 1.4	1.0	
	1903116-2 1903124-1		1	0.12~ 0.15(#26)					0.59~0.69			2.0
	1939992-2		1	0.21~ 0.23(#24)					0.69~0.79	2.1 (REF)	1.2~ 1.6	3.0
			1	0.34~ 0.37(#22)					0.69~0.79			4.5
L [g]	1827588-2 1871744-1	<del>1762950-1</del> 2119143-1 1762950-1 (1762951-1)	1	0.08~ 0.10(#28)	2.0±0.3	1.16 (REF)	0.59~0.69	2.1MAX " F "	<del>1.6</del> <del>2.4MAX</del> 2.05 (REF)	<del>φ 1.08~</del> <del>φ 1.90</del> 1.4	1.0	
	1903117-2 1903125-1		1	0.12~ 0.15(#26)					0.59~0.69			2.0
			1	0.21~ 0.23(#24)					0.69~0.79	2.2 (REF)	1.2~ 1.9	3.0
			1	0.34~ 0.37(#22)					0.69~0.79			4.5
2L [g]	1827589-2 1871745-1	<del>1762625-1</del> 2119142-1 1762625-1 (1762626-1)	1	0.34~ 0.37(#22)	2.0±0.3	1.40 (REF)	0.80~0.90	2.1MAX " F "	<del>2.0</del> <del>2.4MAX</del> 2.1 (REF)	<del>φ 1.40~</del> <del>φ 2.20</del> 2.0	4.5	
	1903118-2 1903126-1		1	0.51~ 0.53(#20)					0.80~0.90			6.5
			1	0.85~ 0.87(#18)					1.10~1.20	2.4 (REF)	1.8~ 2.2	6.5

Fig 5

[g]. L 及び 2L サイズは、D1100 (2.0mm Pitch) ハウジングへの装着はできません。

[g]. L and 2L size are not applicable for D1100 (2.0mm Pitch) housings

[h]. 複数本圧着は適用していません。(2本圧着等)  
素線径はφ0.1mm以上の電線を使用してください。

[h]. The contacts are not applicable for crimping multi wires.  
The strand diameter should be over φ0.1mm.

[i]. 単線電線は使用できません。

[i]. Solid wire is not applied.