

## Product/Process Change Notifications

**Amphenol Commercial Products**

**Amphenol ICC**

**PCN - 22 005**

[www.amphenol-icc.com](http://www.amphenol-icc.com)

Release Date: January 14 2022

|                                    |                                                                                                                                                                                                                                                                                                                                                                                                |  |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Product Name:</b>               | 514- MINITEK PWR3.0                                                                                                                                                                                                                                                                                                                                                                            |  |
|                                    | MINITEK POWER 3.0                                                                                                                                                                                                                                                                                                                                                                              |  |
| <b>Product Manager:</b>            | Jithin George                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Subject:</b>                    | Notification of Change with Immediate Effectivity                                                                                                                                                                                                                                                                                                                                              |  |
| <b>Distribution:</b>               | Affected customers                                                                                                                                                                                                                                                                                                                                                                             |  |
| <b>Type of Change:</b>             | Design Change                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Change Description:</b>         | Mating dimple location changed to the closest of its tip to improve the wiping distance & Retention lance Optimization.<br>Also Document changes includes, correction of typo error, addition of missing dimension, plating details, HF & LF note, application spec number, separate terminal for 26-30 AWG, Iso-metric View & Position marking, Updation of part number logic & AFCL template |  |
| <b>Reason for Change:</b>          | Terminal Dimple location, Retention lance Optimization & Drawing Standardization                                                                                                                                                                                                                                                                                                               |  |
| <b>Affected Parts:</b>             | See Affected Parts.xls file                                                                                                                                                                                                                                                                                                                                                                    |  |
| <b>Effective Date of Change:</b>   | February, 15 2022                                                                                                                                                                                                                                                                                                                                                                              |  |
| <b>Last Time Buy Date:</b>         |                                                                                                                                                                                                                                                                                                                                                                                                |  |
| <b>Earliest Disty Return Date:</b> |                                                                                                                                                                                                                                                                                                                                                                                                |  |
| <b>Last Time Shipment Date:</b>    |                                                                                                                                                                                                                                                                                                                                                                                                |  |
| <b>Datasheet Attached?</b>         | Yes                                                                                                                                                                                                                                                                                                                                                                                            |  |
| <b>Qual/Test Data Attached?</b>    | Yes                                                                                                                                                                                                                                                                                                                                                                                            |  |
| <b>Samples Availability Date:</b>  | 28 February ,2022                                                                                                                                                                                                                                                                                                                                                                              |  |
| <b>Available Alternatives?</b>     |                                                                                                                                                                                                                                                                                                                                                                                                |  |
| <b>Questions?</b>                  | Contact your local AICC Representative, or Product Manager                                                                                                                                                                                                                                                                                                                                     |  |
|                                    | Jithin George / Product Manager                                                                                                                                                                                                                                                                                                                                                                |  |
|                                    | Jithin.George@fci.com                                                                                                                                                                                                                                                                                                                                                                          |  |

**Note:**

Customers should contact Product Line Manager (or their local Amphenol Representative) directly regarding any concern on the PCN. Lack of any such customer feedback within three weeks of PCN release date will be interpreted as non-objection .

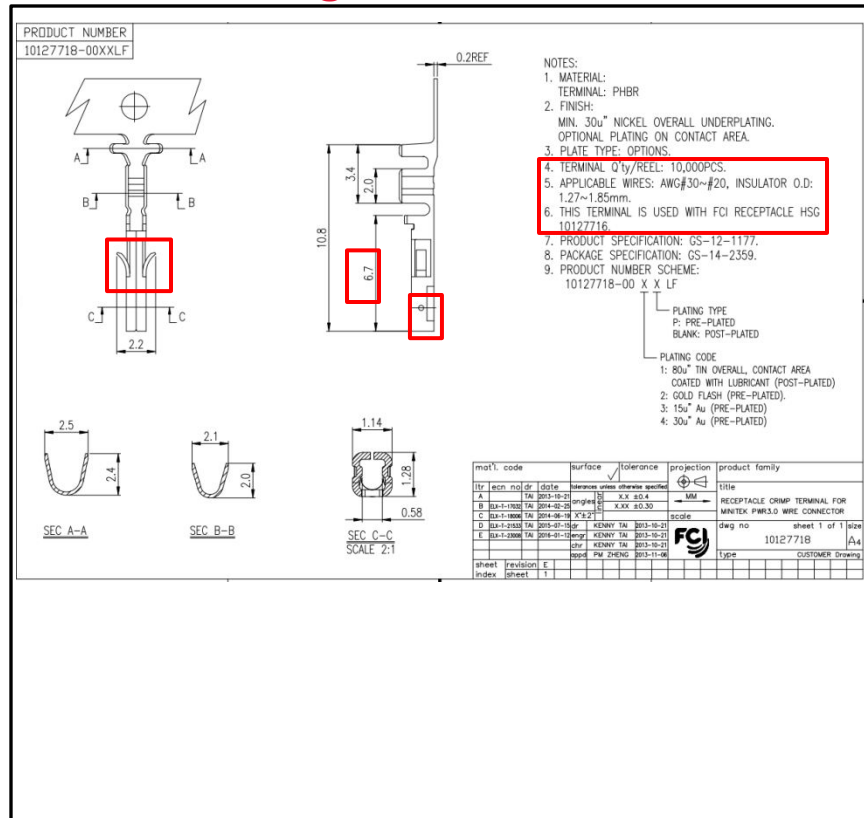
# Engineering Change Notification

Product: Minitex PWR 3.0 10127718 Terminal

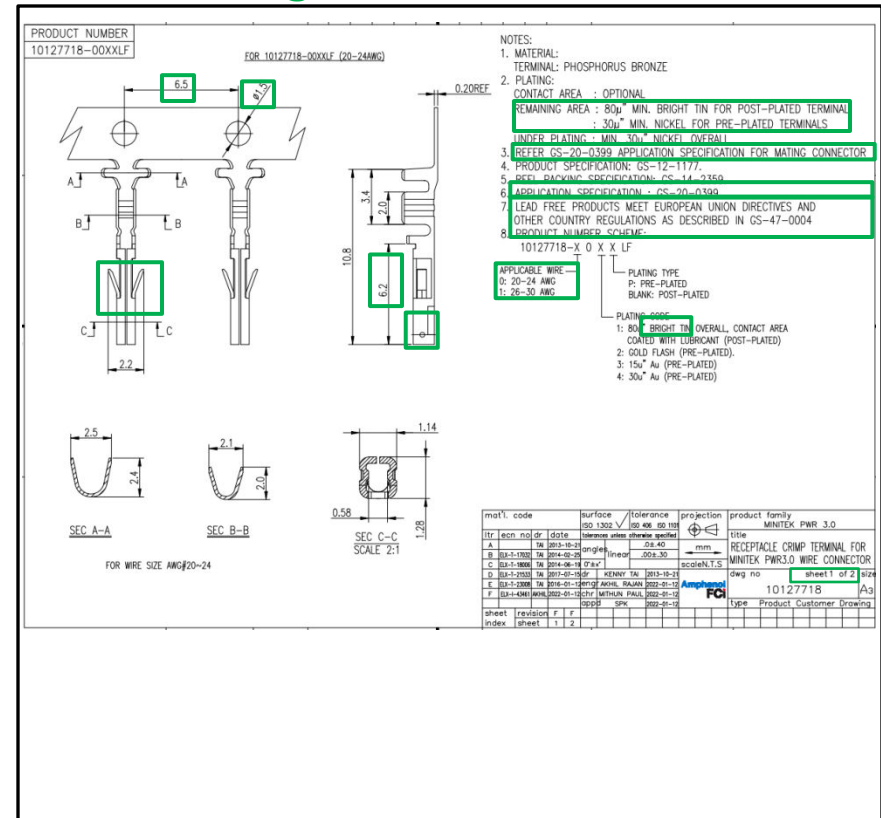
ACPI

Site CCB No./Global PCN No. COK-003-22

## Before Change



## After Change



## Description of Change:

- Mating dimple location changed to the closest of terminal tip to improve the wiping distance. Also retention lance design optimized
- Typographical errors in Dimensioning to be corrected. Missing dimensions & Plating details added
- Reel qty removed from drawing, since it is mentioned in packing specification
- Application Specification details added
- Part number logic and AFCl template updated
- The Terminal used with receptacle housing part number removed from drawing. since it is mentioned in application spec
- LF note added

Implementation Date: 15<sup>th</sup> February 2022

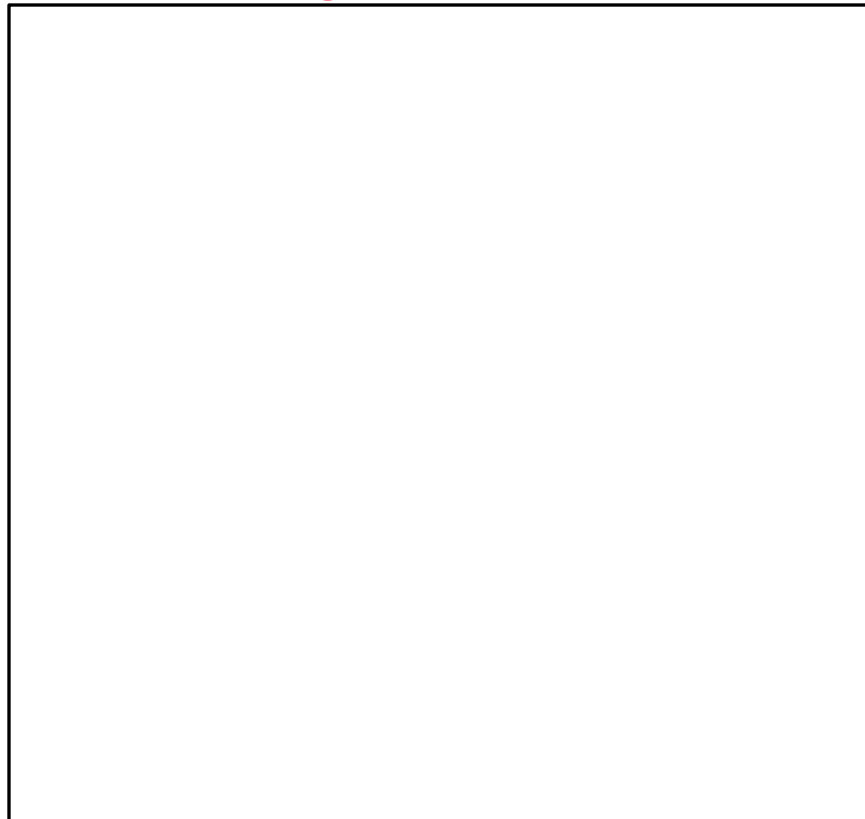
# Engineering Change Notification

Product: Minitek PWR 3.0 10127718 Terminal

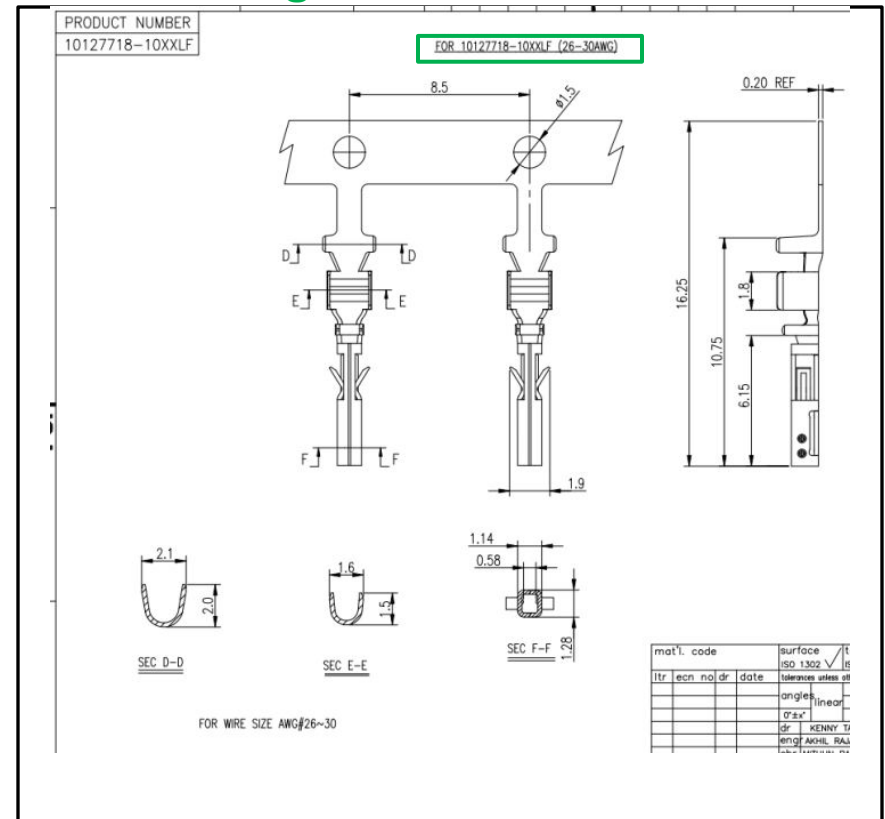
//ACPI

Site CCB No./Global PCN No. COK-003-22

## Before Change



## After Change

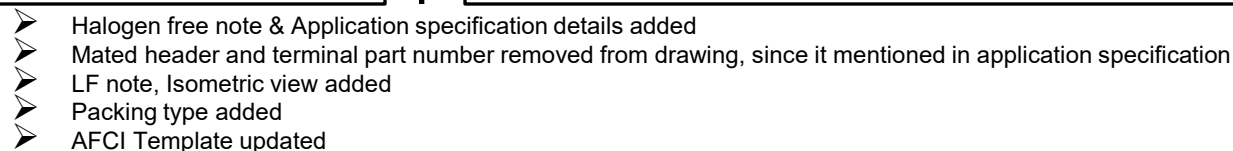
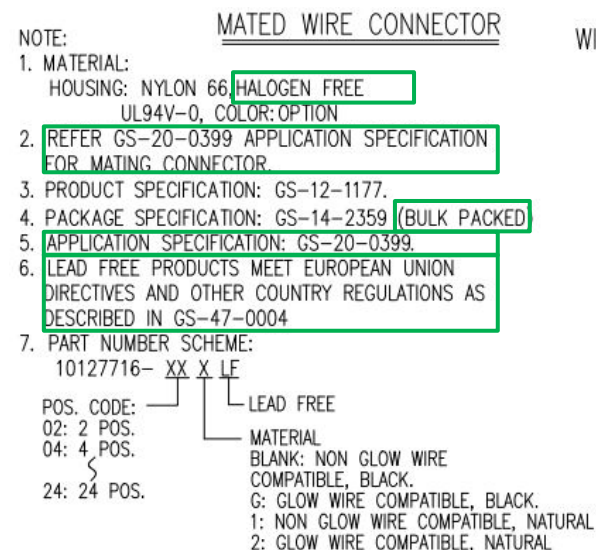


**Description of Change:** ➤ Separate terminal added for 26-30 AWG.

**Implementation Date:** 15<sup>th</sup> February 2022

**Product:** Minitek PWR 3.0 10127716 Housing

## After Change



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# Engineering Change Notification

Product: Minitek PWR 3.0 10136653 Housing

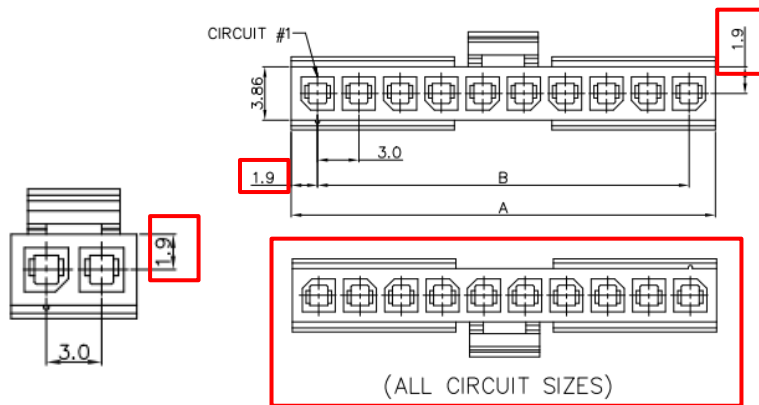


Site CCB No./Global PCN No. COK-003-22

## Before Change

### NOTES:

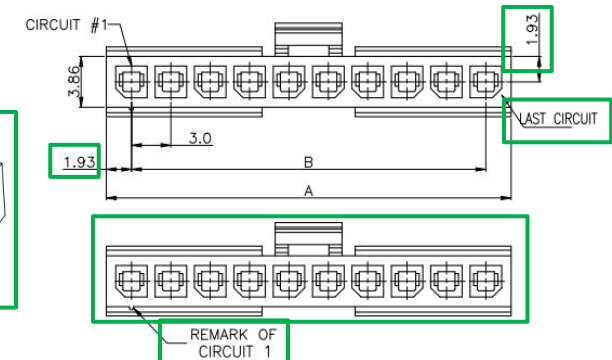
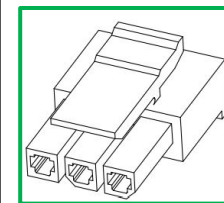
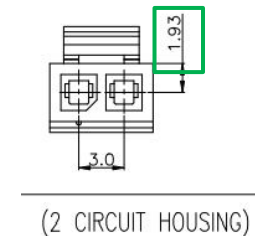
1. HOUSING MATERIAL: PA66, UL94V-0, COLOR: BLACK
2. PRODUCT SPECIFICATION: GS-12-1177
3. PACKAGE SPECIFICATION: GS-14-2359
4. THIS HOUSING IS USED WITH FCI RECEPTACLE CRIMPING TERMINAL 10127718.
5. THIS PART MATES WITH FCI HEADER 10136654, 10136655, 10136656 AND 10137867.
6. DIMENSION TABLE:



## After Change

### NOTE:

1. MATERIAL:  
HOUSING: NYLON 66, HALOGEN FREE  
UL94V-0, COLOR: BLACK
2. REFER GS-20-0399 APPLICATION SPECIFICATION FOR MATING CONNECTOR.
3. PRODUCT SPECIFICATION: GS-12-1177.
4. PACKAGE SPECIFICATION: GS-14-2359 (BULK PACKED)
5. APPLICATION SPECIFICATION: GS-20-0399.
6. LEAD FREE PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004
7. PART NUMBER SCHEME:



## Description of Change:

Implementation Date: 15<sup>th</sup> February 2022

- Typographical errors in Dimensioning to be corrected.
- Halogen free note & Application specification details added
- Mated header and terminal part number removed from drawing, since it mentioned in application specification
- LF note, Isometric view added
- Packing type added
- Position marking added
- View orientation 180° rotated

# Engineering Change Notification

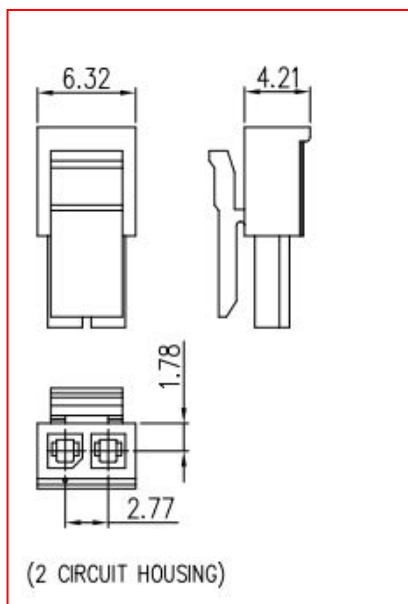
Product: Minitek PWR 3.0 10136653 Housing



Site CCB No./Global PCN No. COK-003-22

## Before Change

| POS. | A          | B     |
|------|------------|-------|
| 02   | SEE DETAIL | 3.00  |
| 03   | 9.85       | 6.00  |
| 04   | 12.85      | 9.00  |
| 05   | 15.85      | 12.00 |
| 06   | 18.85      | 15.00 |
| 07   | 21.85      | 18.00 |
| 08   | 24.85      | 21.00 |
| 09   | 27.85      | 24.00 |
| 10   | 30.85      | 27.00 |
| 11   | 33.85      | 30.00 |
| 12   | 36.85      | 33.00 |



## After Change

| PART NO.       | POS. | A     | B     |
|----------------|------|-------|-------|
| 10136653-02XLF | 02   |       | 3.00  |
| 10136653-03XLF | 03   | 9.85  | 6.00  |
| 10136653-04XLF | 04   | 12.85 | 9.00  |
| 10136653-05XLF | 05   | 15.85 | 12.00 |
| 10136653-06XLF | 06   | 18.85 | 15.00 |
| 10136653-07XLF | 07   | 21.85 | 18.00 |
| 10136653-08XLF | 08   | 24.85 | 21.00 |
| 10136653-09XLF | 09   | 27.85 | 24.00 |
| 10136653-10XLF | 10   | 30.85 | 27.00 |
| 10136653-11XLF | 11   | 33.85 | 30.00 |
| 10136653-12XLF | 12   | 36.85 | 33.00 |

## Description of Change:

- Part number table updated
- APCI Template updated and Sheet changed from A4 to A3
- In corrected 2 pos View removed from Sheet 2

Implementation Date: 15<sup>th</sup> February 2022

| PCN Reference | MPN             | Change        | Effective Date    |
|---------------|-----------------|---------------|-------------------|
| PCN22005      | 10127716-02GLF  | DESIGN CHANGE | February 15, 2022 |
| PCN22005      | 10127716-02LF   | DESIGN CHANGE | February 15, 2022 |
| PCN22005      | 10127716-041LF  | DESIGN CHANGE | February 15, 2022 |
| PCN22005      | 10127716-04GLF  | DESIGN CHANGE | February 15, 2022 |
| PCN22005      | 10127716-04LF   | DESIGN CHANGE | February 15, 2022 |
| PCN22005      | 10127716-061LF  | DESIGN CHANGE | February 15, 2022 |
| PCN22005      | 10127716-062LF  | DESIGN CHANGE | February 15, 2022 |
| PCN22005      | 10127716-06GLF  | DESIGN CHANGE | February 15, 2022 |
| PCN22005      | 10127716-06LF   | DESIGN CHANGE | February 15, 2022 |
| PCN22005      | 10127716-081LF  | DESIGN CHANGE | February 15, 2022 |
| PCN22005      | 10127716-082LF  | DESIGN CHANGE | February 15, 2022 |
| PCN22005      | 10127716-08GLF  | DESIGN CHANGE | February 15, 2022 |
| PCN22005      | 10127716-08LF   | DESIGN CHANGE | February 15, 2022 |
| PCN22005      | 10127716-10GLF  | DESIGN CHANGE | February 15, 2022 |
| PCN22005      | 10127716-10LF   | DESIGN CHANGE | February 15, 2022 |
| PCN22005      | 10127716-121LF  | DESIGN CHANGE | February 15, 2022 |
| PCN22005      | 10127716-12GLF  | DESIGN CHANGE | February 15, 2022 |
| PCN22005      | 10127716-12LF   | DESIGN CHANGE | February 15, 2022 |
| PCN22005      | 10127716-14GLF  | DESIGN CHANGE | February 15, 2022 |
| PCN22005      | 10127716-14LF   | DESIGN CHANGE | February 15, 2022 |
| PCN22005      | 10127716-16GLF  | DESIGN CHANGE | February 15, 2022 |
| PCN22005      | 10127716-16LF   | DESIGN CHANGE | February 15, 2022 |
| PCN22005      | 10127716-18GLF  | DESIGN CHANGE | February 15, 2022 |
| PCN22005      | 10127716-18LF   | DESIGN CHANGE | February 15, 2022 |
| PCN22005      | 10127716-20LF   | DESIGN CHANGE | February 15, 2022 |
| PCN22005      | 10127716-22GLF  | DESIGN CHANGE | February 15, 2022 |
| PCN22005      | 10127716-22LF   | DESIGN CHANGE | February 15, 2022 |
| PCN22005      | 10127716-24GLF  | DESIGN CHANGE | February 15, 2022 |
| PCN22005      | 10127716-24LF   | DESIGN CHANGE | February 15, 2022 |
| PCN22005      | 10127718-001LF  | DESIGN CHANGE | February 15, 2022 |
| PCN22005      | 10127718-001PLF | DESIGN CHANGE | February 15, 2022 |
| PCN22005      | 10127718-002PLF | DESIGN CHANGE | February 15, 2022 |
| PCN22005      | 10127718-003PLF | DESIGN CHANGE | February 15, 2022 |
| PCN22005      | 10127718-004PLF | DESIGN CHANGE | February 15, 2022 |
| PCN22005      | 10127718-101LF  | DESIGN CHANGE | February 15, 2022 |
| PCN22005      | 10127718-103PLF | DESIGN CHANGE | February 15, 2022 |
| PCN22005      | 10127718-104PLF | DESIGN CHANGE | February 15, 2022 |
| PCN22005      | 10136653-02GLF  | DESIGN CHANGE | February 15, 2022 |
| PCN22005      | 10136653-02LF   | DESIGN CHANGE | February 15, 2022 |
| PCN22005      | 10136653-03GLF  | DESIGN CHANGE | February 15, 2022 |
| PCN22005      | 10136653-03LF   | DESIGN CHANGE | February 15, 2022 |
| PCN22005      | 10136653-04GLF  | DESIGN CHANGE | February 15, 2022 |
| PCN22005      | 10136653-04LF   | DESIGN CHANGE | February 15, 2022 |

|          |                 |               |                   |
|----------|-----------------|---------------|-------------------|
| PCN22005 | 10136653-05GLF  | DESIGN CHANGE | February 15, 2022 |
| PCN22005 | 10136653-05LF   | DESIGN CHANGE | February 15, 2022 |
| PCN22005 | 10136653-06GLF  | DESIGN CHANGE | February 15, 2022 |
| PCN22005 | 10136653-06LF   | DESIGN CHANGE | February 15, 2022 |
| PCN22005 | 10136653-07LF   | DESIGN CHANGE | February 15, 2022 |
| PCN22005 | 10136653-08LF   | DESIGN CHANGE | February 15, 2022 |
| PCN22005 | 10136653-09LF   | DESIGN CHANGE | February 15, 2022 |
| PCN22005 | 10136653-10LF   | DESIGN CHANGE | February 15, 2022 |
| PCN22005 | 10136653-11LF   | DESIGN CHANGE | February 15, 2022 |
| PCN22005 | 10136653-12LF   | DESIGN CHANGE | February 15, 2022 |
| PCN22005 | 10127718-101PLF | DESIGN CHANGE | February 15, 2022 |

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