

|                                    |                                                                        |  |
|------------------------------------|------------------------------------------------------------------------|--|
| <b>Product Name:</b>               | HPL 510 - SOCKETS                                                      |  |
|                                    | SPRING CONTACT SYSTEMS                                                 |  |
| <b>Product Manager:</b>            | Noel Cui                                                               |  |
| <b>Subject:</b>                    | Notification of Change with Immediate Effectivity                      |  |
| <b>Distribution:</b>               | Affected customers                                                     |  |
| <b>Type of Change:</b>             | Documentation Change                                                   |  |
| <b>Change Description:</b>         | Update the drawing                                                     |  |
| <b>Reason for Change:</b>          | Drawing is corrected to update actual thickness of plating on terminal |  |
| <b>Affected Parts:</b>             | See Affected Parts.xls                                                 |  |
| <b>Effective Date of Change:</b>   | August,10 2026                                                         |  |
| <b>Last Time Buy Date:</b>         | NA                                                                     |  |
| <b>Earliest Disty Return Date:</b> | NA                                                                     |  |
| <b>Last Time Shipment Date</b>     | NA                                                                     |  |
| <b>Datasheet Attached?</b>         | Yes                                                                    |  |
| <b>Qual/Test Data Attached?</b>    | Yes                                                                    |  |
| <b>Samples Availability Date:</b>  | 29 July ,2026                                                          |  |
| <b>Available Alternatives?</b>     |                                                                        |  |
| <b>Questions?</b>                  | <i>Contact your local ACS Representative, or Product Manager</i>       |  |
|                                    | <i>Noel Cui / Product Manager</i>                                      |  |
|                                    | <i>Noel.Cui@amphenol-fci.com</i>                                       |  |

**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 .

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NOTES :

MATERIALS :

1. HOUSING a) THERMOPLASTIC, BLACK PA9T. (.)  
b) THERMOPLASTIC, BLUE PA9T. (0)
2. CONTACT : PHOSPHER BRONZE(C5210)
3. TIP SPRING : PHOSPHER BRONZE(C5210)
4. BREAK TERMINAL : BRASS.(C2680)

SPECIFICATION :

1. PRODUCT SPEC : GS-12-280.
2. PACKAGING SPEC : GS-14-903.

PLATING SPEC:

TERMINAL PLATING 0: 0.6µm Min. MATTE SILVER PLATED ON ENTIRE  
OVER 20µ" Min. SEMI BRIGHT Ni WITH  
50µ" Min. Cu UNDERPLATED OVER ALL.

TERMINAL PLATING 1: GOLD FLASH PLATED ON ENTIRE  
WITH 30u" Min. NICKEL UNDERPLATED OVER ALL.

LEAD FREE NOTES :

1. THIS PRODUCT (10038075-XXPLF) MEETS THE EUROPEAN UNION DIRECTIVE AS DESCRIBED IN GS-22-008.
2. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION, IR OR VAPOUR PHASE REFLOW OVEN.

| PART NO. | 10038075-AXP | 10038075-BXP |
|----------|--------------|--------------|
| CIRCUIT  |              |              |
| PART NO. | 10038075-DXP | 10038075-HXP |
| CIRCUIT  |              |              |
| PART NO. |              | 10038075-JXP |
| CIRCUIT  |              |              |
| PART NO. | 10038075-KXP |              |
| CIRCUIT  |              |              |

TABLE I

PART NUMBERS : 10038075 - X X X X LF

LEAD FREE VERSION

(.) BLANK : BLACK COLOUR  
0 : BLUE COLOUR

PACKAGING

P: TAPE&REEL: REFER TO THE PAGE 3.

R: TAPE&REEL IN REVERSE DIRECTION: REFER TO PAGE 4.

TERMINAL PLATING

0 : SILVER.

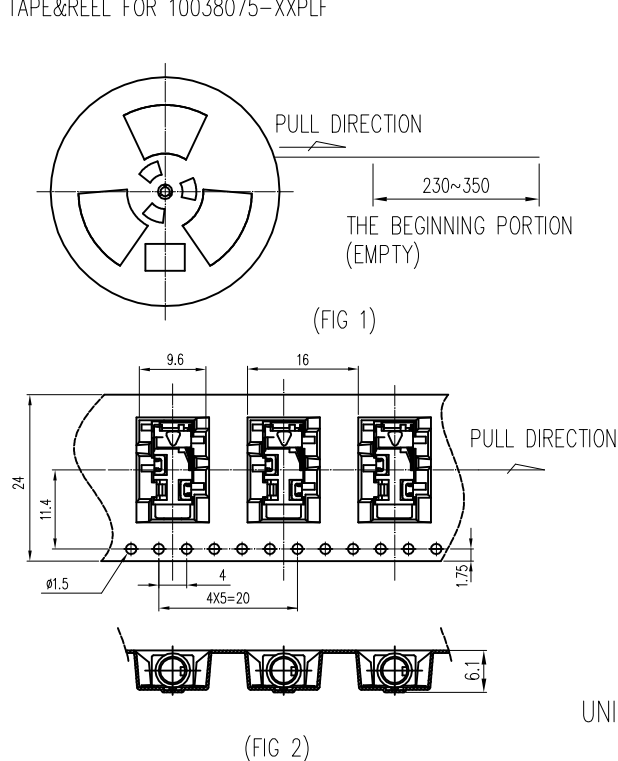
1 : GOLD FLASH.

SEE TABLE I

CONFIGURATION

|             |              |       |            |                                       |                |                               |          |                                                                                                     |                     |                                                                                       |       |             |  |      |
|-------------|--------------|-------|------------|---------------------------------------|----------------|-------------------------------|----------|-----------------------------------------------------------------------------------------------------|---------------------|---------------------------------------------------------------------------------------|-------|-------------|--|------|
| mat'l. code |              |       |            | surface<br>ISO 1302 ✓                 |                | tolerance<br>ISO 406 ISO 1101 |          | projection<br> |                     | product family<br>AUDIO JACK                                                          |       |             |  |      |
| ltr         | ecn no       | dr    | date       | tolerances unless otherwise specified |                |                               |          |                                                                                                     |                     |  | title |             |  |      |
| K           | ELX-N-28412  | TY    | 2026-07-22 | angles                                |                | linear                        | 0.X±0.38 |                                                                                                     | Ø3.5 MINIATURE JACK |                                                                                       |       |             |  |      |
|             |              |       |            | 0.XX±0.25                             |                |                               |          |                                                                                                     |                     |                                                                                       |       |             |  |      |
|             |              |       |            | 0.XXX±0.10                            |                |                               |          |                                                                                                     |                     |                                                                                       |       |             |  |      |
| E           | T09-1012     | S.LIN | 2/16/09    | 0'±2'                                 |                |                               |          | scale 1:1                                                                                           |                     |                                                                                       |       |             |  |      |
| F           | ELX-I-010517 | SAL   | 2012-03-06 | dr                                    | JASMINE CHAING | 2004-09-02                    |          | <div>Amphenol<br/>FCI</div>                                                                         |                     | dwg no                                                                                |       | sheet2 of 4 |  | size |
| G           | ELX-I-012760 | SAL   | 2012-09-10 | eng                                   | JASON HSU      | 2004-09-02                    |          |                                                                                                     |                     | 10038075                                                                              |       | A4          |  |      |
| H           | ELX-I-23098  | SAL   | 2016-01-21 | chr                                   | S.ALOSIUS      | 2018-03-22                    |          |                                                                                                     |                     |                                                                                       |       |             |  |      |
| J           | ELX-I-28646  | AN    | 2018-03-21 | appd                                  | BIJU K PAUL    | 2018-03-22                    |          |                                                                                                     |                     |                                                                                       |       |             |  |      |
|             |              |       |            |                                       |                |                               |          |                                                                                                     |                     |                                                                                       |       |             |  |      |
| sheet       | revision     | K     | K          | K                                     | K              |                               |          |                                                                                                     |                     |                                                                                       |       |             |  |      |
| index       | sheet        | 1     | 2          | 3                                     | 4              |                               |          |                                                                                                     |                     |                                                                                       |       |             |  |      |

THE SPEC OF TAPE&REEL FOR 10038075-XXPLF



UNIT : mm

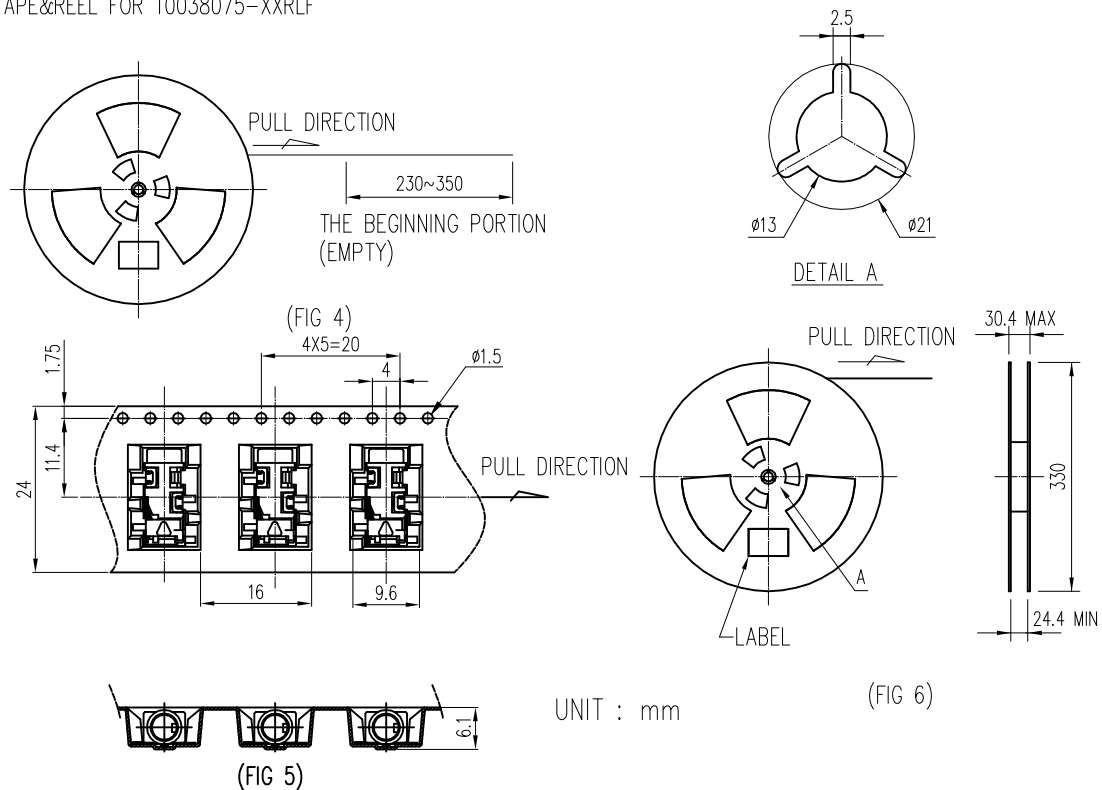
(FIG 3)

REMARK:

- 1.The connector can not be loaded on the position of length 230~350mm in the beginning of carrier tape and 160~240mm in the end of carrier tape. (Refer FIG 1).
- 2.The direction of connector was shown in the FIG 2.
- 3.The label shall be adhered to the front side of reel. (Refer FIG 3).
- 4.A force of 20gf~130gf shall be applied to cover tape as peel off the cover tape at 300mm/min speed in the condition of 165°~180° reverse direction.

|             |              |          |            |            |                                       |                  |                                                                                       |                                                                                       |                     |                |             |  |      |
|-------------|--------------|----------|------------|------------|---------------------------------------|------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------|----------------|-------------|--|------|
| mat'l. code |              |          |            | surface    |                                       | tolerance        |                                                                                       | projection                                                                            |                     | product family |             |  |      |
|             |              |          |            | ISO 1302 ✓ |                                       | ISO 406 ISO 1101 |                                                                                       |  |                     | AUDIO JACK     |             |  |      |
| ltr         |              | ecn no   | dr         | date       | tolerances unless otherwise specified |                  |                                                                                       |                                                                                       |                     | title          |             |  |      |
| K           | ELX-N-288412 | TY       | 2026-07-22 | angles     | linear                                | 0.X±0.38         |  | mm                                                                                    | Ø3.5 MINIATURE JACK |                |             |  |      |
|             |              |          |            |            | 0.XX±0.25                             |                  |                                                                                       |                                                                                       |                     |                |             |  |      |
| E           | T09-1012     | S.LIN    | 2/16/09    | 0°±2°      | 0.XXX±0.10                            |                  |                                                                                       |                                                                                       |                     |                |             |  |      |
| F           | ELX-I-010517 | SAL      | 2012-03-06 | dr         | JASMINE CHAING                        | 2004-09-02       | Amphenol<br>FCi                                                                       | scale 1:1                                                                             | dwg no              |                | sheet3 of 4 |  | size |
| G           | ELX-I-012760 | SAL      | 2012-09-10 | eng        | JASON HSU                             | 2004-09-02       |                                                                                       |                                                                                       | 10038075            |                | A4          |  |      |
| H           | ELX-I-230988 | SAL      | 2016-01-21 | chr        | S.ALOSIUS                             | 2018-03-22       |                                                                                       |                                                                                       |                     |                |             |  |      |
| J           | ELX-I-28646  | AN       | 2018-03-21 | appd       | BIJU K PAUL                           | 2018-03-22       |                                                                                       |                                                                                       |                     |                |             |  |      |
| sheet       |              | revision |            | K          | K                                     | K                | K                                                                                     |                                                                                       |                     |                |             |  |      |
| index       |              | sheet    |            | 1          | 2                                     | 3                | 4                                                                                     |                                                                                       |                     |                |             |  |      |

THE SPEC OF TAPE&REEL FOR 10038075-XXRLF



REMARK:

- 1.The connector can not be loaded on the position of length 230~350mm in the beginning of carrier tape and 160~240mm in the end of carrier tape. (Refer FIG 4).
- 2.The direction of connector was shown in the FIG 5.
- 3.The label shall be adhered to the front side of reel. (Refer FIG 6).
- 4.A force of 20gf~130gf shall be applied to cover tape as peel off the cover tape at 300mm/min speed in the condition of 165°~180° reverse direction.

|             |              |          |            |                                       |                |                  |   |                 |  |                     |  |             |      |
|-------------|--------------|----------|------------|---------------------------------------|----------------|------------------|---|-----------------|--|---------------------|--|-------------|------|
| mat'l. code |              |          |            | surface                               |                | tolerance        |   | projection      |  | product family      |  |             |      |
|             |              |          |            | ISO 1302 ✓                            |                | ISO 406 ISO 1101 |   |                 |  | AUDIO JACK          |  |             |      |
| ltr         | ecn no       | dr       | date       | tolerances unless otherwise specified |                |                  |   |                 |  | title               |  |             |      |
| K           | ELX-N-28412  | TY       | 2026-07-22 | angles                                | linear         | 0.X±0.38         |   |                 |  | Ø3.5 MINIATURE JACK |  |             |      |
|             |              |          |            |                                       |                | 0.XX±0.25        |   |                 |  |                     |  |             |      |
| E           | T09-1012     | S.LIN    | 2/16/09    | 0°±2°                                 |                | 0.XXX±0.10       |   |                 |  |                     |  |             |      |
| F           | ELX-I-010517 | SAL      | 2012-03-06 | dr                                    | JASMINE CHAING | 2004-09-02       |   | Amphenol<br>FCI |  | dwg no              |  | sheet4 of 4 | size |
| G           | ELX-I-012760 | SAL      | 2012-09-10 | engr                                  | JASON HSU      | 2004-09-02       |   |                 |  | 10038075            |  | A4          |      |
| H           | ELX-I-23098  | SAL      | 2016-01-21 | chr                                   | S.ALOSIOUS     | 2018-03-22       |   |                 |  |                     |  |             |      |
| J           | ELX-I-2846   | AN       | 2018-03-21 | appd                                  | BIJU K PAUL    | 2018-03-22       |   |                 |  |                     |  |             |      |
| sheet index |              | revision |            | K                                     | K              | K                | K |                 |  |                     |  |             |      |
|             |              | sheet    |            | 1                                     | 2              | 3                | 4 |                 |  |                     |  |             |      |

| PCN Reference | MPN            | Change             | Effective Date  |
|---------------|----------------|--------------------|-----------------|
| PCN26131      | 10038075-A1PLF | DOCUMENTATION CHAN | AUGUST 10, 2026 |
| PCN26131      | 10038075-B1PLF | DOCUMENTATION CHAN | AUGUST 10, 2026 |
| PCN26131      | 10038075-D0P   | DOCUMENTATION CHAN | AUGUST 10, 2026 |
| PCN26131      | 10038075-D1PLF | DOCUMENTATION CHAN | AUGUST 10, 2026 |
| PCN26131      | 10038075-D1RLF | DOCUMENTATION CHAN | AUGUST 10, 2026 |
| PCN26131      | 10038075-H1PLF | DOCUMENTATION CHAN | AUGUST 10, 2026 |
| <b>Count:</b> | <b>6</b>       |                    |                 |

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