

|   |  |   |  |      |  |         |  |            |  |      |  |                  |  |   |  |
|---|--|---|--|------|--|---------|--|------------|--|------|--|------------------|--|---|--|
| 1 |  | 2 |  | 3    |  | 4       |  | 5          |  | 6    |  | 7                |  | 8 |  |
|   |  |   |  | REV. |  | ECN NO. |  | DATE       |  | SIGN |  | DESCRIPTION      |  |   |  |
|   |  |   |  | A    |  |         |  | 2020/01/15 |  | Ruru |  | Initial Released |  |   |  |
|   |  |   |  | B    |  | C220455 |  | 2022/03/24 |  | Ruru |  | △B X2            |  |   |  |
|   |  |   |  |      |  |         |  |            |  |      |  |                  |  |   |  |

C1

61.8

61.8

61.8

Connector

Cable

Connector

C2

ALTW

ALTW

Note: △

\* RoHS Compliant

\*  Important dimension

\* Waterproof rate: IPX8, mated 1m/24h

\* Connector

Housing: Thermoplastic, Black

Pin: Copper Alloy, Gold Plated

Outer mold: Thermoplastic, Black

\* Cable: UL21388, PVC Jacket, Black

\* Cable length tolerance: 0.5M < L ≤ 1M: +60/-0 mm

1M < L ≤ 3M: +120/-0 mm

3M < L ≤ 5M: +160/-0 mm

5M < L ≤ 10M: ±100 mm

10M < L ≤ 20M: ±200 mm

20M < L ≤ 30M: ±300 mm

30M < L ≤ 99M: ±500 mm

|           |  |                         |  |       |  |                           |  |         |  |              |  |          |  |          |  |             |  |     |  |
|-----------|--|-------------------------|--|-------|--|---------------------------|--|---------|--|--------------|--|----------|--|----------|--|-------------|--|-----|--|
| UNIT:mm   |  | <div></div> <div></div> |  | TITLE |  | ACC, XLOK, D-5A, DB-ENDED |  | MM      |  | Amphenol LTW |  | ITEM NO  |  | DRAWN BY |  | DATE        |  |     |  |
| TOLERANCE |  | ±0.5 mm                 |  | SCALE |  | 1:2                       |  | SIZE    |  | A4           |  | SHEET    |  | 1        |  | OF          |  | 2   |  |
|           |  |                         |  | REV.  |  | B                         |  | WC-REV. |  |              |  | CUSTOMER |  | ALTW     |  | APPROVED BY |  | Max |  |
|           |  |                         |  |       |  |                           |  |         |  |              |  |          |  |          |  |             |  |     |  |

1

2

3

4

5

6

7

8

W10814-03-BW01A2

|           |         |           |                                          |                               |                    |                                  |              |                   |                                                                                                                                                                       |                     |                                                                                                                                                                           |
|-----------|---------|-----------|------------------------------------------|-------------------------------|--------------------|----------------------------------|--------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           | 1       | 2         | 3                                        | 4                             | 5                  | 6                                | 7            | 8                 | THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE. IT IS CONFIDENTIAL AND A PROPERTY OF Amphenol LTW. DISCLOSURE TO THIRD PARTY HAS TO BE AUTHORIZED BY Amphenol LTW. |                     |                                                                                                                                                                           |
| F         |         |           |                                          |                               |                    | 18P                              | PVC          | 10                |                                                                                                                                                                       | 20                  | AB-DD18HL-DDHL-QDXXX                                                                                                                                                      |
|           |         |           |                                          |                               |                    | 14P                              |              | 8.5               |                                                                                                                                                                       |                     | AB-DD14HL-DDHL-QDXXX                                                                                                                                                      |
|           |         |           |                                          |                               |                    | 12P                              |              | 8.5               |                                                                                                                                                                       |                     | AB-DD12HL-DDHL-QDXXX                                                                                                                                                      |
|           |         |           |                                          |                               |                    | Contacts                         | Cable Jacket | Cable OD          |                                                                                                                                                                       | AWG                 | Item No.                                                                                                                                                                  |
| E         |         |           |                                          |                               |                    | AB- DD XX H L - DD H L - Q D XXX |              |                   |                                                                                                                                                                       |                     | <div><div><div>B</div></div><div>XX: No. Of Pin</div></div> <div>XXX: 0.5~99Meters<br/>A05: 0.5 Meter<br/>001: 01 Meter<br/>002: 02 Meters<br/>:<br/>099: 99 Meters</div> |
|           |         |           |                                          |                               |                    | D                                | Pin Out      | 12 Light Green 淡綠 | 14 Brown/White 棕/白                                                                                                                                                    | 18 Blue/White 藍/白   |                                                                                                                                                                           |
|           |         |           |                                          |                               |                    |                                  |              | 11 Pink 粉紅        | 13 Black/White 黑/白                                                                                                                                                    | 17 Green/White 綠/白  |                                                                                                                                                                           |
|           |         |           |                                          |                               |                    |                                  |              | 10 White 白        | 12 Light Green 淡綠                                                                                                                                                     | 16 Orange/White 橙/白 |                                                                                                                                                                           |
| C         | Pin #   | Wire      | 9 Gray 灰                                 | 11 Pink 粉紅                    | 15 Red/White 紅/白   |                                  |              |                   |                                                                                                                                                                       |                     |                                                                                                                                                                           |
|           |         |           | 8 Purple 紫                               | 10 White 白                    | 14 Brown/White 棕/白 |                                  |              |                   |                                                                                                                                                                       |                     |                                                                                                                                                                           |
|           |         |           | 7 Blue 藍                                 | 9 Gray 灰                      | 13 Black/White 黑/白 |                                  |              |                   |                                                                                                                                                                       |                     |                                                                                                                                                                           |
|           |         |           | 6 Green 綠                                | 8 Purple 紫                    | 12 Light Green 淡綠  |                                  |              |                   |                                                                                                                                                                       |                     |                                                                                                                                                                           |
| B         | C1 & C2 |           | 5 Yellow 黃                               | 7 Blue 藍                      | 11 Pink 粉紅         |                                  |              |                   |                                                                                                                                                                       |                     |                                                                                                                                                                           |
|           |         |           | 4 Onarge 橙                               | 6 Green 綠                     | 10 White 白         |                                  |              |                   |                                                                                                                                                                       |                     |                                                                                                                                                                           |
|           |         |           | 3 Red 紅                                  | 5 Yellow 黃                    | 9 Gray 灰           |                                  |              |                   |                                                                                                                                                                       |                     |                                                                                                                                                                           |
|           |         |           | 2 Brown 棕                                | 4 Onarge 橙                    | 8 Purple 紫         |                                  |              |                   |                                                                                                                                                                       |                     |                                                                                                                                                                           |
| A         | UNIT:mm |           | TITLE<br>ACC, XLOK, D-5A, DB-ENDED<br>MM | Amphenol LTW<br>安費諾亮泰企業股份有限公司 |                    | ITEM NO                          | DRAWN BY     | DATE              |                                                                                                                                                                       |                     |                                                                                                                                                                           |
|           |         |           |                                          |                               |                    | DWG NO                           | CHECKED BY   | DATE              |                                                                                                                                                                       |                     |                                                                                                                                                                           |
|           |         |           |                                          |                               |                    | CUSTOMER                         | APPROVED BY  | DATE              |                                                                                                                                                                       |                     |                                                                                                                                                                           |
|           |         |           |                                          |                               |                    | ± 0.5 mm                         |              |                   | ALTW Max 2020-01-15                                                                                                                                                   |                     |                                                                                                                                                                           |
| TOLERANCE |         | SCALE 1:2 | SIZE A4                                  | SHEET 2 OF 2                  |                    |                                  |              |                   |                                                                                                                                                                       |                     |                                                                                                                                                                           |
| REV. B    |         | WC-REV.   | QC:Inspection item                       |                               |                    |                                  |              |                   |                                                                                                                                                                       |                     |                                                                                                                                                                           |
| 1         | 2       | 3         | 4                                        | 5                             | 6                  | 7                                | 8            | WI0814-03-0001A2  |                                                                                                                                                                       |                     |                                                                                                                                                                           |