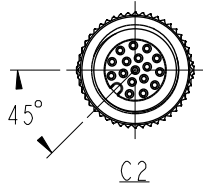
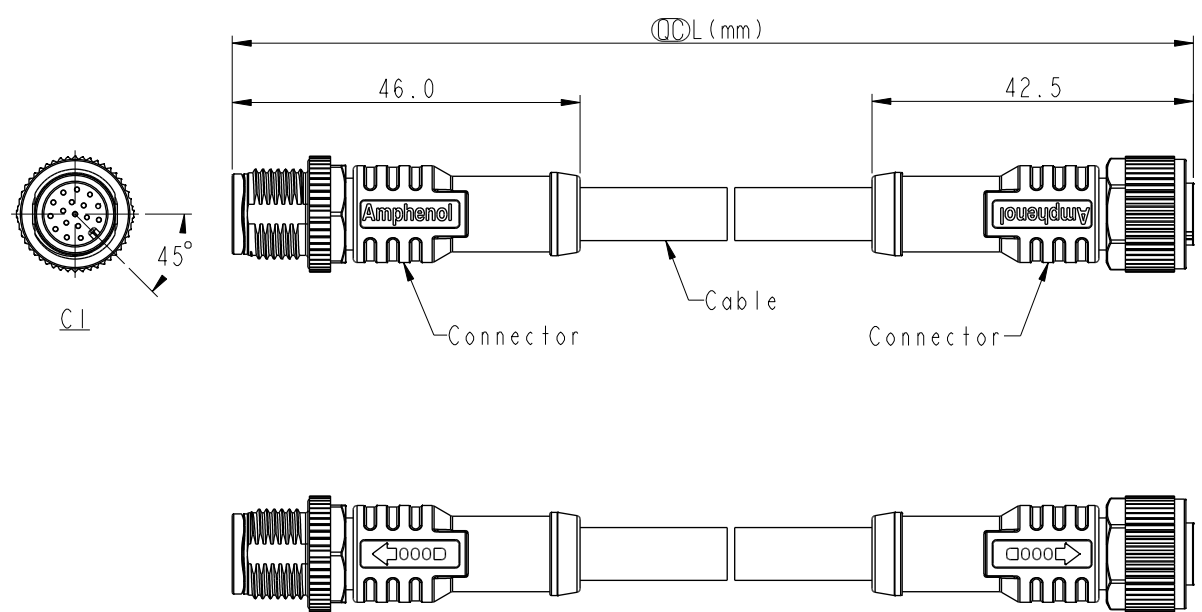


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| REV. | ECN NO.      | DATE       | SIGN  | DESCRIPTION               |
|------|--------------|------------|-------|---------------------------|
| B    | BOMR18120100 | 2018/12/12 | Ruru  | Change the drawing method |
| C    | C201735      | 2020/11/11 | Ruru  | $\triangle C$ X7          |
| D    | C210227      | 2021/03/30 | Vicky | $\triangle D$ X4          |



$\triangle C$   $\triangle D$

Note:

- \* RoHS Compliant
- \*  $\varnothing$  Important dimension
- \* C1  
Waterproof rate: IPX8, mated 1m/24h  
IPX9K, mated  
Housing: Thermoplastic, Black  
Pin: Copper alloy, Gold plated  
Nut: Metal  
Outer Mold: Thermoplastic, Black
- \* C2  
Waterproof rate: IPX8, mated 1m/24h  
IPX9K, mated  
Housing: Thermoplastic, Black  
Pin: Copper alloy, Gold plated  
O-Ring: Rubber, Green  
Nut: Metal  
Outer Mold: Thermoplastic, Black
- \* Cable: UL2517, PVC Jacket, Black
- \* Cable Length Tolerance:  $0.5M < L \leq 1M: +60/-0$  mm  
 $1M < L \leq 3M: +120/-0$  mm  
 $3M < L \leq 5M: +160/-0$  mm  
 $5M < L \leq 10M: \pm 100$  mm  
 $10M < L \leq 20M: \pm 200$  mm  
 $20M < L \leq 30M: \pm 300$  mm  
 $30M < L \leq 99M: \pm 500$  mm

|              |  |                               |      |                                 |    |             |  |            |  |
|--------------|--|-------------------------------|------|---------------------------------|----|-------------|--|------------|--|
| UNIT:mm      |  | TITLE                         |      | ITEM NO                         |    | DRAWN BY    |  | DATE       |  |
| TOLERANCE    |  | ACC, SEN, A Code, DB-ENDED MF |      | DWG NO                          |    | Ruru        |  | 2018-12-12 |  |
| $\pm 0.5$ mm |  | SCALE                         | SIZE | SHEET                           | OF | CHECKED BY  |  | DATE       |  |
| REV.         |  | 1:2                           | A4   | 1                               | 2  | Rita        |  | 2018-12-12 |  |
| WC-REV.      |  | D                             |      | $\varnothing$ : Inspection item |    | APPROVED BY |  | DATE       |  |
|              |  |                               |      |                                 |    | Max         |  | 2018-12-12 |  |
|              |  |                               |      | CUSTOMER                        |    | ALTW        |  |            |  |

**Amphenol LTW**  
安費諾亮泰企業股份有限公司

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|   |                                |                                                                                                                                    |  |                                                         |  |                                                              |  |                                                                                              |  |                                                                                                       |  |                                                                                                                                                       |                            |                                                                                                                                                                            |          |                                                                                                                                                                                                                                                                                    |  |                    |  |
|---|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------|--|--------------------------------------------------------------|--|----------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------|--|
|   |                                | 1                                                                                                                                  |  | 2                                                       |  | 3                                                            |  | 4                                                                                            |  | 5                                                                                                     |  | 6                                                                                                                                                     |                            | 7                                                                                                                                                                          |          | 8                                                                                                                                                                                                                                                                                  |  |                    |  |
| F |                                | MI2AXXML-12AFL-SDXXX<br>XX: No. Of Pin<br>XXX: 0.5~99Meters<br>A05: 0.5 Meter<br>1: 01 Meter<br>2: 02 Meters<br>:<br>99: 99 Meters |  |                                                         |  |                                                              |  |                                                                                              |  |                                                                                                       |  |                                                                                                                                                       | 17P<br>12P<br>10P          | 7.0<br>6.0                                                                                                                                                                 | 26       | MI2A17ML-12AFL-SDXXX<br>MI2A12ML-12AFL-SDXXX<br>MI2A10ML-12AFL-SDXXX                                                                                                                                                                                                               |  |                    |  |
|   |                                |                                                                                                                                    |  |                                                         |  |                                                              |  |                                                                                              |  |                                                                                                       |  |                                                                                                                                                       | 8P<br>6P<br>5P<br>4P<br>3P | 5.5<br>5.0<br>5.1<br>4.8<br>4.5                                                                                                                                            | 24<br>22 | MI2A08ML-12AFL-SDXXX<br>MI2A06ML-12AFL-SDXXX<br>MI2A05ML-12AFL-SDXXX<br>MI2A04ML-12AFL-SDXXX<br>MI2A03ML-12AFL-SDXXX                                                                                                                                                               |  |                    |  |
|   |                                |                                                                                                                                    |  |                                                         |  |                                                              |  |                                                                                              |  |                                                                                                       |  |                                                                                                                                                       | Contacts                   | Cable OD                                                                                                                                                                   | AWG      | Item No.                                                                                                                                                                                                                                                                           |  |                    |  |
| E |                                |                                                                                                                                    |  |                                                         |  |                                                              |  |                                                                                              |  |                                                                                                       |  |                                                                                                                                                       |                            |                                                                                                                                                                            |          |                                                                                                                                                                                                                                                                                    |  |                    |  |
| D | Pin Out                        | 5 --<br>4 Black 黑藍<br>3 Blue<br>2 --<br>1 Brown 棕                                                                                  |  | 5 --<br>4 Black 黑藍<br>3 Blue<br>2 White 白棕<br>1 Brown 棕 |  | 5 Gray 灰黑<br>4 Black 黑藍<br>3 Blue<br>2 White 白棕<br>1 Brown 棕 |  | 8 --<br>7 Blue 藍<br>6 Pink 粉<br>5 --<br>4 Yellow 黃綠<br>3 Green 綠棕<br>2 Brown 棕白<br>1 White 白 |  | 8 Red 紅藍<br>7 Blue 藍<br>6 Pink 粉<br>5 Gray 灰黃<br>4 Yellow 黃綠<br>3 Green 綠棕<br>2 Brown 棕白<br>1 White 白 |  | 12 --<br>11 --<br>10 Violet 紫黑<br>9 Black 紅藍<br>8 Red 藍粉<br>7 Blue 灰<br>6 Pink 灰黃<br>5 Gray 黃綠<br>4 Yellow 綠棕<br>3 Green 棕白<br>2 Brown 白<br>1 White 白 |                            | 12 Red/Blue 紅/藍<br>11 Gray/Pink 灰/粉<br>10 Violet 紫黑<br>9 Black 紅藍<br>8 Red 藍粉<br>7 Blue 灰<br>6 Pink 灰黃<br>5 Gray 黃綠<br>4 Yellow 綠棕<br>3 Green 棕白<br>2 Brown 白<br>1 White 白 |          | 17 White/Gray 白/灰<br>16 Yellow/Brown 黃/棕<br>15 White/Yellow 白/黃<br>14 Brown/Green 棕/綠<br>13 White/Green 白/綠<br>12 Red/Blue 紅/藍<br>11 Gray/Pink 灰/粉<br>10 Violet 紫<br>9 Red 紅<br>8 Gray 灰<br>7 Black 黑<br>6 Yellow 黃<br>5 Pink 粉<br>4 Green 綠<br>3 White 白<br>2 Blue 藍<br>1 Brown 棕 |  |                    |  |
|   |                                | Pin # Wire                                                                                                                         |  | Pin # Wire                                              |  | Pin # Wire                                                   |  | Pin # Wire                                                                                   |  | Pin # Wire                                                                                            |  | Pin # Wire                                                                                                                                            |                            | Pin # Wire                                                                                                                                                                 |          | Pin # Wire                                                                                                                                                                                                                                                                         |  |                    |  |
|   |                                |                                                                                                                                    |  |                                                         |  |                                                              |  |                                                                                              |  |                                                                                                       |  |                                                                                                                                                       |                            |                                                                                                                                                                            |          |                                                                                                                                                                                                                                                                                    |  |                    |  |
| C | C2                             |                                                                                                                                    |  |                                                         |  |                                                              |  |                                                                                              |  |                                                                                                       |  |                                                                                                                                                       |                            |                                                                                                                                                                            |          |                                                                                                                                                                                                                                                                                    |  |                    |  |
|   |                                |                                                                                                                                    |  |                                                         |  |                                                              |  |                                                                                              |  |                                                                                                       |  |                                                                                                                                                       |                            |                                                                                                                                                                            |          |                                                                                                                                                                                                                                                                                    |  |                    |  |
|   |                                |                                                                                                                                    |  |                                                         |  |                                                              |  |                                                                                              |  |                                                                                                       |  |                                                                                                                                                       |                            |                                                                                                                                                                            |          |                                                                                                                                                                                                                                                                                    |  |                    |  |
| B | C1                             | Pin Assignments Front View                                                                                                         |  |                                                         |  |                                                              |  |                                                                                              |  |                                                                                                       |  |                                                                                                                                                       |                            |                                                                                                                                                                            |          |                                                                                                                                                                                                                                                                                    |  |                    |  |
|   |                                |                                                                                                                                    |  |                                                         |  |                                                              |  |                                                                                              |  |                                                                                                       |  |                                                                                                                                                       |                            |                                                                                                                                                                            |          |                                                                                                                                                                                                                                                                                    |  |                    |  |
|   |                                |                                                                                                                                    |  |                                                         |  |                                                              |  |                                                                                              |  |                                                                                                       |  |                                                                                                                                                       |                            |                                                                                                                                                                            |          |                                                                                                                                                                                                                                                                                    |  |                    |  |
| A | UNIT:mm<br>TOLERANCE<br>±0.5mm | ACC, SEN, A Code, DB-ENDED MF                                                                                                      |  |                                                         |  |                                                              |  |                                                                                              |  |                                                                                                       |  |                                                                                                                                                       |                            | ITEM NO                                                                                                                                                                    |          | DRAWN BY<br>Ruru                                                                                                                                                                                                                                                                   |  | DATE<br>2018-12-12 |  |
|   |                                | SCALE 1:2 SIZE A4 SHEET 2 OF 2                                                                                                     |  |                                                         |  |                                                              |  |                                                                                              |  |                                                                                                       |  | DWG NO<br>MI2AXXML-12AFL-SDXXX                                                                                                                        |                            | CHECKED BY<br>Rita                                                                                                                                                         |          | DATE<br>2018-12-12                                                                                                                                                                                                                                                                 |  |                    |  |
|   |                                | REV. D WC-REV. QC:Inspection item                                                                                                  |  |                                                         |  |                                                              |  |                                                                                              |  |                                                                                                       |  | CUSTOMER<br>ALTW                                                                                                                                      |                            | APPROVED BY<br>Max                                                                                                                                                         |          | DATE<br>2018-12-12                                                                                                                                                                                                                                                                 |  |                    |  |
|   |                                | 1                                                                                                                                  |  | 2                                                       |  | 3                                                            |  | 4                                                                                            |  | 5                                                                                                     |  | 6                                                                                                                                                     |                            | 7                                                                                                                                                                          |          | 8 W10814-03-0001A2                                                                                                                                                                                                                                                                 |  |                    |  |