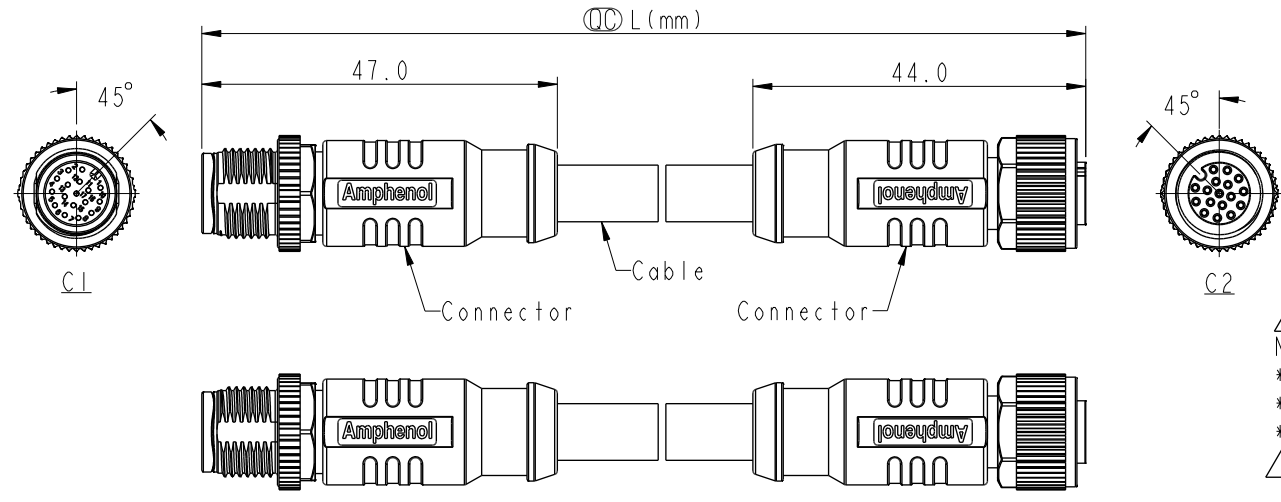


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| REV. | ECN NO. | DATE | SIGN | DESCRIPTION |
|------|---------|------------|-------|-------------|
| C | C210081 | 2021/01/19 | Vicky | △C X2 |
| D | C210550 | 2021/04/07 | Vicky | △D X4 |
| E | C230002 | 2023/01/03 | Vicky | △E X2 |



- Note:
- * RoHS Compliant
 - * \varnothing Important dimension
 - * C1
 - △E Waterproof rate: IP68, mated 1m/24h
IP69K, mated
Housing: Thermoplastic, Black
Pin: Copper alloy, Gold plated
 - △C Nut: Metal
Shield: Metal
Outer Mold: Thermoplastic, Black
 - * C2
 - △E Waterproof rate: IP68, mated 1m/24h
IP69K, mated
Housing: Thermoplastic, Black
Pin: Copper alloy, Gold plated
O-Ring: Rubber, Gray
 - △C Nut: Metal
Shield: Metal
Outer Mold: Thermoplastic, Black
 - * Cable: UL2517, Shield, 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 TOLERANCE ±0.5mm | | TITLE ACC, SEN, A Code, DB-ENDED MF | | Amphenol LTW | | ITEM NO | DRAWN BY Brady | DATE 2019-01-23 | |
| | | SCALE 1:2 | | SIZE A4 | SHEET 1 | OF 2 | | CHECKED BY Eagle | DATE 2019-01-23 |
| | | REV. E | | WC-REV. A.5 | Inspection item | | CUSTOMER ALTW | APPROVED BY Neo | DATE 2019-01-23 |

Amphenol LTW
安費諾亮泰企業股份有限公司

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| | | | | | | | |
|--|--|--|--|--|--|---|--|
| <p>△ MSASXXML-SASFL-SDXXX</p> <p>XX: No. Of Pin</p> <p>XXX: 0.5~99Meters A05: 0.5 Meter 001: 1 Meter 002: 2 Meters : 099: 99 Meters</p> | | <p>△ 17P 7.5</p> <p>△ 12P 6.4</p> <p>△ 8P 5.8</p> <p>△ 5P 5.7</p> <p>△ 4P 5.3</p> <p>△ Contacts Cable OD</p> | | <p>26</p> <p>24</p> <p>22</p> <p>AWG</p> | | <p>MSAS17ML-SASFL-SDXXX</p> <p>MSAS12ML-SASFL-SDXXX</p> <p>MSAS08ML-SASFL-SDXXX</p> <p>MSAS05ML-SASFL-SDXXX</p> <p>MSAS04ML-SASFL-SDXXX</p> <p>Item No.</p> | |
|--|--|--|--|--|--|---|--|

| Pin Out | Shield Braid | | Shield Braid | | Shield Braid | | Shield Braid | | Shield Braid | | Shield Braid | | Shield Braid | | Shield Braid | | Shield | Braid | | | | | |
|---------|--------------|------|--------------|-------|--------------|------|--------------|------|--------------|--------|--------------|------|--------------|------|--------------|--------|--------|-------|--------|------------|-----|--------------|-----|
| | Pin # | Wire | Pin # | Wire | Pin # | Wire | Pin # | Wire | Pin # | Wire | Pin # | Wire | Pin # | Wire | Pin # | Wire | Pin # | Wire | | | | | |
| 5 | -- | | 5 | -- | 5 | Gray | 灰 | 5 | -- | 5 | Gray | 灰 | 5 | Gray | 灰 | 5 | Gray | 灰 | 17 | White/Gray | 白/灰 | | |
| 4 | Black | 黑 | 4 | Black | 黑 | 4 | Black | 黑 | 4 | Yellow | 黃 | 4 | Yellow | 黃 | 4 | Yellow | 黃 | 4 | Yellow | 黃 | 16 | Yellow/Brown | 黃/棕 |
| 3 | Blue | 藍 | 3 | Blue | 藍 | 3 | Blue | 藍 | 3 | Green | 綠 | 3 | Green | 綠 | 3 | Green | 綠 | 3 | Green | 綠 | 15 | White/Yellow | 白/黃 |
| 2 | -- | | 2 | White | 白 | 2 | White | 白 | 2 | Brown | 棕 | 2 | Brown | 棕 | 2 | Brown | 棕 | 2 | Brown | 棕 | 14 | Brown/Green | 棕/綠 |
| 1 | Brown | 棕 | 1 | Brown | 棕 | 1 | Brown | 棕 | 1 | White | 白 | 1 | White | 白 | 1 | White | 白 | 1 | White | 白 | 13 | White/Green | 白/綠 |
| | | | | | | | | | | | | | | | | | | | | | 12 | Red/Blue | 紅/藍 |
| | | | | | | | | | | | | | | | | | | | | | 11 | Gray/Pink | 灰/粉 |
| | | | | | | | | | | | | | | | | | | | | | 10 | Violet | 紫 |
| | | | | | | | | | | | | | | | | | | | | | 9 | Black | 紫 |
| | | | | | | | | | | | | | | | | | | | | | 8 | Red | 紫 |
| | | | | | | | | | | | | | | | | | | | | | 8 | Red | 紅 |
| | | | | | | | | | | | | | | | | | | | | | 7 | Blue | 紅 |
| | | | | | | | | | | | | | | | | | | | | | 7 | Blue | 藍 |
| | | | | | | | | | | | | | | | | | | | | | 6 | Pink | 粉 |
| | | | | | | | | | | | | | | | | | | | | | 6 | Pink | 粉 |
| | | | | | | | | | | | | | | | | | | | | | 5 | Gray | 灰 |
| | | | | | | | | | | | | | | | | | | | | | 5 | Gray | 灰 |
| | | | | | | | | | | | | | | | | | | | | | 4 | Yellow | 黃 |
| | | | | | | | | | | | | | | | | | | | | | 4 | Yellow | 黃 |
| | | | | | | | | | | | | | | | | | | | | | 3 | Green | 綠 |
| | | | | | | | | | | | | | | | | | | | | | 3 | Green | 綠 |
| | | | | | | | | | | | | | | | | | | | | | 2 | Brown | 棕 |
| | | | | | | | | | | | | | | | | | | | | | 2 | Brown | 棕 |
| | | | | | | | | | | | | | | | | | | | | | 1 | White | 白 |
| | | | | | | | | | | | | | | | | | | | | | 1 | White | 白 |

Pin Assignments Front View

| | | | | | | | | | | | | |
|--|--|--|--|--|--|-----------------------------|------------------------------|--|--------------------------------|--|-------------------------------|--|
| <p>UNIT: mm</p> <p>TOLERANCE</p> <p>±0.5mm</p> | | <p>TITLE</p> <p>ACC, SEN, A Code, DB-ENDED</p> <p>MF</p> | | <p>Amphenol LTW</p> <p>安費諾亮泰企業股份有限公司</p> | <p>ITEM NO</p> <p>MSASXXML-SASFL-SDXXX</p> | | <p>DRAWN BY</p> <p>Brady</p> | | <p>DATE</p> <p>2019-01-23</p> | | | |
| | | <p>SCALE</p> <p>1:2</p> | | | <p>SIZE</p> <p>A4</p> | | <p>SHEET</p> <p>2 OF 2</p> | | <p>CHECKED BY</p> <p>Eagle</p> | | <p>DATE</p> <p>2019-01-23</p> | |
| | | <p>REV.</p> <p>E</p> | | | <p>WC-REV.</p> <p>A.5</p> | | <p>QC: Inspection item</p> | | <p>APPROVED BY</p> <p>Neo</p> | | <p>DATE</p> <p>2019-01-23</p> | |
| | | <p>CUSTOMER</p> <p>ALTW</p> | | | | <p>Customer</p> <p>ALTW</p> | | | | | | |