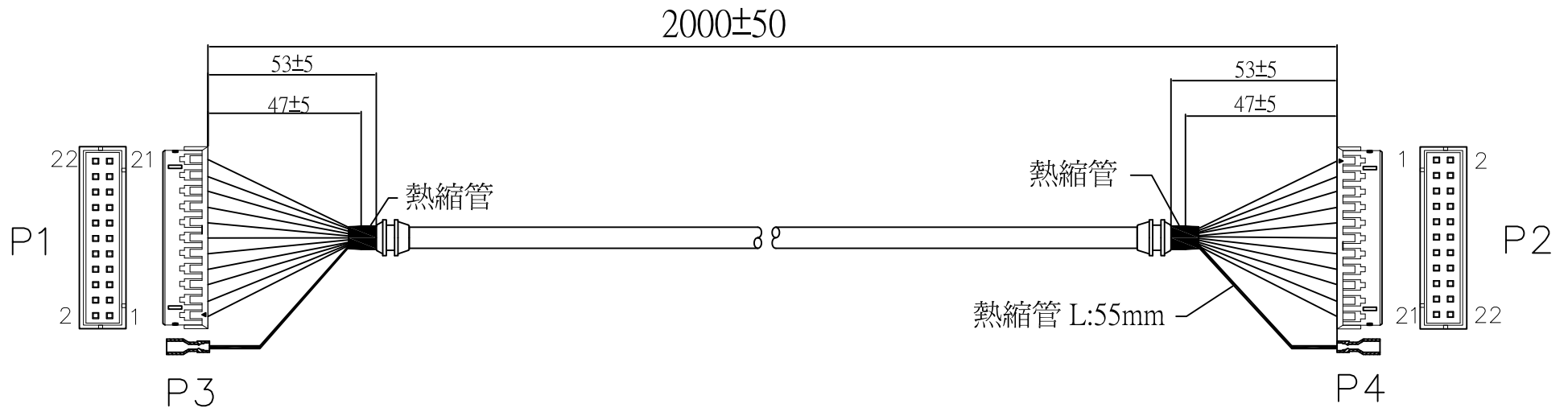




| P1      | P2        | P1      | P2          |
|---------|-----------|---------|-------------|
| 1 — 22# | 1 RED     | 12 — 12 | 12 ORANGE   |
| 2 — 22# | 2 YELLOW  | 18 — 18 | 18 RED      |
| 3 — 22# | 3 BLUE    | 11 — 11 | 11 BLUE     |
| 4 — 22# | 4 BLACK   | 13 — 13 | 13 BLUE/W   |
| 5 — 5   | 5 BLACK   | 14 — 14 | 14 ORANGE   |
| 6 — 6   | 6 BLUE    | 15 — 15 | 15 ORANGE/W |
| 7 — 7   | 7 YELLOW  | 16 — 16 | 16 GREEN    |
| 8 — 8   | 8 GREEN/W | 17 — 17 | 17 GREEN/W  |
| 9 — 9   | 9 RED/W   |         |             |
| 10 — 10 | 10 BLUE/W |         |             |

| P1      | P2        | P3          | P4 |
|---------|-----------|-------------|----|
| 19 — 19 | 19 GREEN  | Q110 — Q110 |    |
| 20 — 20 | 20 BROWN  |             |    |
| 21 — 21 | 21 WHITE  |             |    |
| 22 — 22 | 22 PURPLE |             |    |

| NO | PART NO  | DESCRIPTION                                                                  | QTY  | UNIT |
|----|----------|------------------------------------------------------------------------------|------|------|
| 4  | TERMINAL | Q110-FT8NF-16 (RED SLEEVE)                                                   | 1    | SET  |
| 3  | TERMINAL | 2.0 PHD-T-22                                                                 | 44   | PCS  |
| 2  | HOUSING  | 2.0 PHD-H-22                                                                 | 2    | PCS  |
| 1  | CABLE    | UL2464(26*1P+AL)*3C+22#*4C+26#*12C<br>+AL+1+B 0D:9.0 02 BLACK(B792)線材外被柔軟抗UV | 2.03 | M    |

**MORETHANALL**  
PCB CONNECTORS  
Cable ASSEMBLIES

煜倫股份有限公司

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RoHS Compliant

DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

SCALE 1 : 1

DATE

SIZE A4

TOLERANCES ARE

X. ±

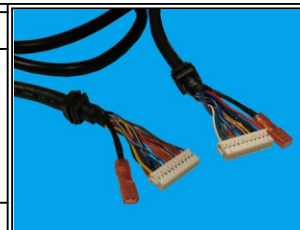
.X ±

.XX ±

.XXX ±

ANG ±

PPOJECTION



ORDER INFORMATION

PHDX2-22222226-F2M-LF

SERIES

LEADFREE

2000mm

FEMALE TO FEMALE

22/26AWG  
22 TO 22PIN

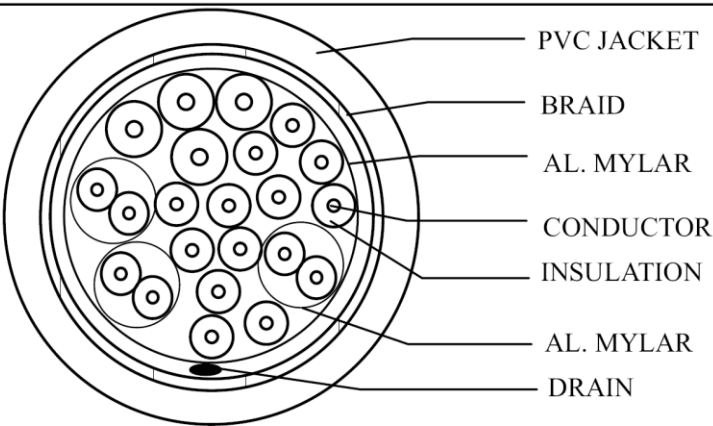
DESCRIPTION: 2.0 PHD 2\*11/2\*11+Q110+SR\*2 L:2M

**SPECIFICATION:** (1P\*26AWG +AL)\*3C+4C\*22AWG+12C\*26AWG+AL+D+B /UL2464

| ITEM                     |                | SPECIFICATION                           |                 |                 |
|--------------------------|----------------|-----------------------------------------|-----------------|-----------------|
| CONDUCTOR                | AWG            | 26AWG                                   | 22AWG           | 26AWG           |
|                          | MATERIAL       | TINNED COPPER                           | TINNED COPPER   | TINNED COPPER   |
|                          | COND.SIZE      | 7/0.16± 0.008mm                         | 7/0.254± 0.01mm | 7/0.16± 0.008mm |
| INSULATION               | MIN.AVG.THICK  | 0.23mm                                  | 0.23mm          | 0.23mm          |
|                          | MATERIAL       | SR-P VC                                 | SR-PVC          | SR-PVC          |
|                          | O . D          | 1.00±0.05mm                             | 1.30±0.05mm     | 1.00±0.05 mm    |
| Face Inside<br>AL.MYLAR  | COVERAGE       | 100%                                    | /               | /               |
|                          | OVERLAP        | 25% MIN                                 | /               | /               |
|                          | N O.           | (1P+AL)*3                               | 4C              | 12C             |
| Face Outside<br>AL.MYLAR | COVERAGE       | 100%                                    |                 |                 |
|                          | OVERLAP        | 25% MIN                                 |                 |                 |
| DRAIN                    | AWG            | 22AWG                                   |                 |                 |
|                          | MATERIAL       | BARE COPPER                             |                 |                 |
|                          | SIZE           | 7/0.254± 0.008mmX1PC                    |                 |                 |
| BRAID<br>COPPER          | MATERIAL       | A-M ALLOY                               |                 |                 |
|                          | SIZE(COVERAGE) | 16*8/0.12± 0.008mm                      |                 |                 |
| JACKET                   | MIN.AVG.THICK  | 0.76mm                                  |                 |                 |
|                          | MATERIAL       | HALF MATT (UV Resi stance)PVC LOW TOXIC |                 |                 |
|                          | COLOR          | UL813 BLACK                             |                 |                 |
|                          | O . D          | 9.00 ± 0.15mm                           |                 |                 |

| ELECTRICAL CHARACTERISTICS                                         |  | PHYSICAL PROPERTIES OF JACKET |              |
|--------------------------------------------------------------------|--|-------------------------------|--------------|
| 1. Rating : TEMP 80℃ ; VOLTAGE 300V                                |  | STYLE                         |              |
| 2. Conductor Resistance: at 20℃ MAX                                |  | Tensile                       | Unaged       |
| 26AWG: 148.94Ω/km; 22AWG: 55Ω/km                                   |  | Strength                      | Aged         |
| 3. Insulation Resistance: 10MΩ-km min at 20℃ dc 500V.(EIA-364-21)  |  | Elongation                    | Unaged       |
| 4. Dielectric Strength: AC 500V/1minute no breakdown. (EIA-364-20) |  |                               | Aged         |
|                                                                    |  | Heat shock test               | NO CRACKING  |
|                                                                    |  | Cold bend test                | NO CRACKING  |
|                                                                    |  | Deformation test              | MAX 50%      |
|                                                                    |  | Flame retardant test          | PASS UL VW-1 |

**CONSTRUCTION DWG**



**COLOR CODE:**

3P:1.GREEN\*GREEN/WHITE 2.ORANGE\*ORANGEWHITE  
3.BLUE\*BLUE/WHITE  
12C:1.BLACK 2.GREEN 3.RED 4.BROWN 5.PURPLE  
6.ORANGE 7.BLUE/WHITE 8.GREEN/WHITE 9.WHITE  
10.RED/WHITE 11.YELLOW 12.BLUE  
4C:13.BLACK 14.YELLOW 15.RED 16.BLUE

**MARKING**

E119932 AWM 2464 80C 300V VW-1  
LL84201 CSA AWM I/II A 80C 300V FT1  
COPARTNER

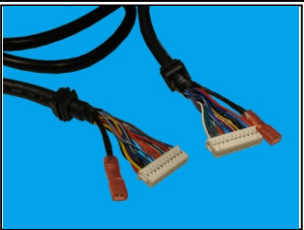
**REMARK**

**RoHS Compliant**

TOLERANCES ARE

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|                   |             |        |
|-------------------|-------------|--------|
| DRAWING BY CY     |             | X. ±   |
| CHECKED BY GENIUS |             | .X ±   |
| UNIT / mm         | SCALE 1 : 1 | .XXX ± |
| DATE              |             | ANG ±  |
| SIZE A4           | PPOJECTION  |        |



**ORDER INFORMATION**

PHDX2-22222226-F2M-LF  
 SERIES      LEADFREE  
                  2000mm  
                  FEMALE TO FEMALE  
                  22/26AWG  
                  22 TO 22PIN

DESCRIPTION: 2.0 PHD 2\*11/2\*11+Q110+SR\*2 L:2M