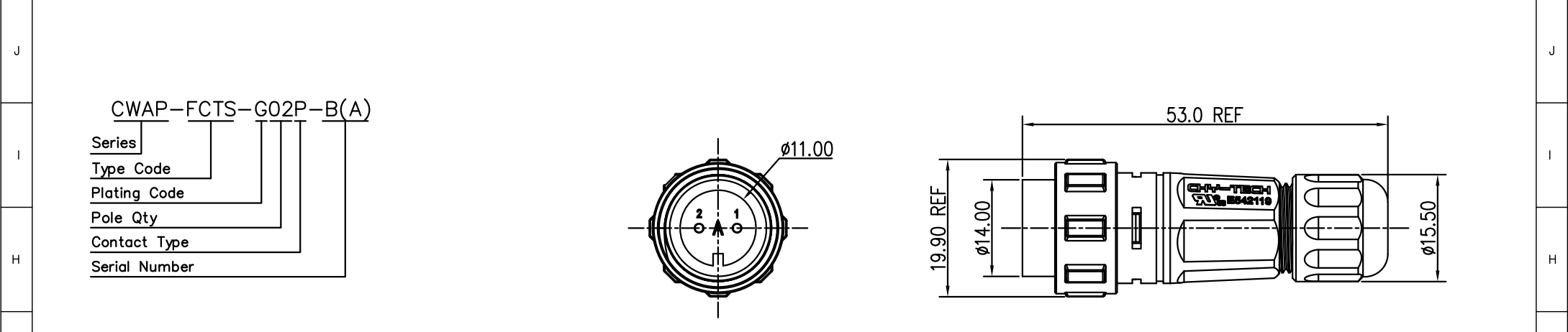




NOTES:

1. MATERIAL:

| ITEM | PART NAME        | P/N         | DESCRIPTION                                                                           | QTY |
|------|------------------|-------------|---------------------------------------------------------------------------------------|-----|
| 1    | FIXING NUT       | FPNC-607-B  | HEATYLON MS6H, BLUE                                                                   | 1   |
| 2    | CONTACTS CARRIER | FPHC-605-A  | HEATYLON MS6H, BLACK                                                                  | 1   |
| 3    | CRIMP CONTACTS   | FMBA-410-S  | COPPER ALLOY,<br>30~80μ" NICKEL UNDER-PLATED OVERALL.<br>6μ" MIN GOLD PLATED OVERALL. | 2   |
| 4    | INSULATOR CORE   | FPIF-209    | PA66 101L(r9), BLACK                                                                  | 1   |
| 5    | O-RING           | FPOS-408    | SILICON RUBBER, RED                                                                   | 1   |
| 6    | HOUSING          | FPHC-208-BE | PA66 101L(r9), BLACK                                                                  | 1   |
| 7    | SEALING RING     | FPMS-405C   | SILICON RUBBER, RED                                                                   | 1   |
| 8    | SEALING NUT      | FPNC-608-E  | HEATYLON MS6H, BLUE                                                                   | 1   |

2. ELECTRICAL:

- 2.1 CONTACT RATING:  
UL: 250VAC/10A, 250VDC/10A, SAFETY FILE No. E542119
- 2.2 CONTACT RESISTANCE: 5 mΩ MAX. INITIAL
- 2.3 INSULATION RESISTANCE: 2000 MΩ MIN. @500 VDC
- 2.4 DIELECTRIC STRENGTH: 1500 VAC RMS 60Hz 1MIN.
- 2.5 CONTACT ACCOMMODATION: 2 POLE
- 2.6 APPLICABLE WIRE SIZE(AWG): USR COPPER WIRE SIZE: 14-24AWG

3. WATERPROOF RATE: IP68

4. MECHANICAL:

- 4.1 INSERTION FORCE: 19N
- 4.2 WITHDRAWAL FORCE: 12N
- 4.3 OPERATING LIFE: 1000 CYCLES MIN.
5. OPERATING TEMPERATURE: -40℃~+80℃
6. RoHS2.0 & HALOGEN FREE COMPONENT.
7. WARNING:

CAUTION:

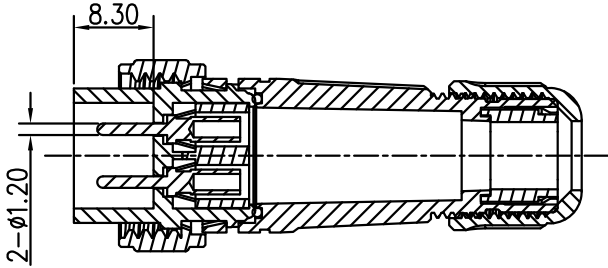
"NOT FOR INTERRUPTING CURRENT"

"FOR USE IN CLASS 2 CIRCUITS ONLY"

ATTENTION:

"NE PAS UTILISER POUR COUPER LE COURANT"

"UTILISIER DANS LES CIRCUITS DE CLASSE 2 SEULEMENT"



|                                                                                                           |             |                                     |                                                                                                                                               |                    |                                                                                                                                                                                                   |                                             |                     |  |
|-----------------------------------------------------------------------------------------------------------|-------------|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|---------------------|--|
| A6                                                                                                        | UPDATE BOM  | ECN 2501037,<br>2025/01/17<br>BY BX | SCALE<br>1:1                                                                                                                                  | DESIGN UNITS<br>MM |  CHY-TECH (HK) INDUSTRIAL CO.,LTD.<br>CHY-TECH (HUBEI) TECHNOLOGY CO., LTD.<br>CHY-TECH ELECTRONIC CO., LTD. |                                             |                     |  |
| VER                                                                                                       | DESCRIPTION | MEMO                                | DRAWN BY<br>CHI.YH                                                                                                                            | DATE<br>2025/01/17 | TITLE<br>CWA SERIES WATERPROOF POWER CONNECTOR,<br>FLEX CABLE PLUG, MALE TERMINAL                                                                                                                 |                                             |                     |  |
|  3rd ANGLE PROJECTION |             |                                     | CHECKED BY<br>PAUL.X                                                                                                                          | DATE<br>2025/01/17 | PART NUMBER<br>CWAP-FCTS-G02P-B(A)                                                                                                                                                                |                                             |                     |  |
| 0~10 ±0.1    20~50 ±0.3<br>10~20 ±0.2    ANGULAR ±5°                                                      |             |                                     | APPROVED BY<br>PAUL.X                                                                                                                         | DATE<br>2025/01/17 | MATERIAL NO.<br>SEE CHART                                                                                                                                                                         | DOCUMENT NO.<br>DFC-CWAP-FCTS-G02P-B(A)-ASM | SHEET NO.<br>1 OF 1 |  |
| GENERAL TOLERANCES<br>UNLESS SPECIFIED                                                                    |             |                                     | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO CHY-TECH (HK) INDUSTRIAL CO., LTD. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                    |                                                                                                                                                                                                   |                                             |                     |  |