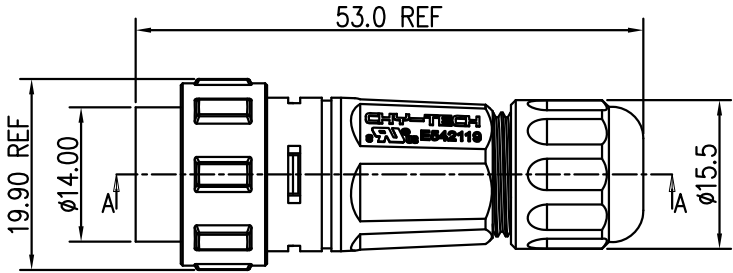
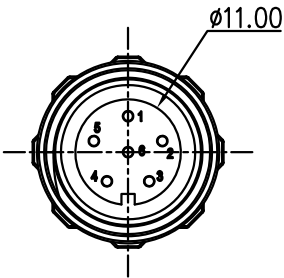
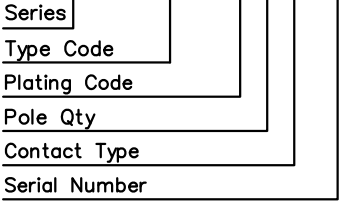


CWAP-FCTS-G06P-B



NOTES:

1. MATERIAL:

| ITEM | PART NAME        | P/N        | DESCRIPTION                                                                           | QTY |
|------|------------------|------------|---------------------------------------------------------------------------------------|-----|
| 1    | FIXING NUT       | FPNC-607-B | HEATYLON MS6H, BLUE                                                                   | 1   |
| 2    | CONTACTS CARRIER | FPHC-604-B | HEATYLON MS6H, BLACK                                                                  | 1   |
| 3    | CRIMP CONTACTS   | FMBA-402-C | COPPER ALLOY,<br>30~80μ" NICKEL UNDER-PLATED OVERALL.<br>6μ" MIN GOLD PLATED OVERALL. | 4   |
| 4    | INSULATOR CORE   | FPIF-208   | PA66 101L(r9), BLACK                                                                  | 1   |
| 5    | HOUSING          | FPHC-208-B | PA66 101L(r9), BLACK                                                                  | 1   |
| 6    | SEALING NUT      | FPNC-608   | HEATYLON MS6H, BLACK                                                                  | 1   |

2. ELECTRICAL:

- 2.1 CONTACT RATING: UL&CUL: 125VAC/5A, 125VAC/5A, 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: 4 POLE,
- 2.6 APPLICABLE WIRE SIZE(AWG):  
USR COPPER WIRE SIZE: 20-26AWG  
CNR COPPER WIRE SIZE: 20-22AWG

3. WATERPROOF RATE: IP68

4. MECHANICAL:

- 4.1 INSERTION FORCE: 25N
- 4.2 WITHDRAWAL FORCE: 17N
- 4.3 OPERATING LIFE: 1000 CYCLES MIN.

5. OPERATING TEMPERATURE: -40°C~+80°C

6. RoHS2.0 & HALOGEN FREE COMPONENT.

7. WARNING:

CRIMP TOOL: Bulgin "14025" Or Equivalent

CAUTION:

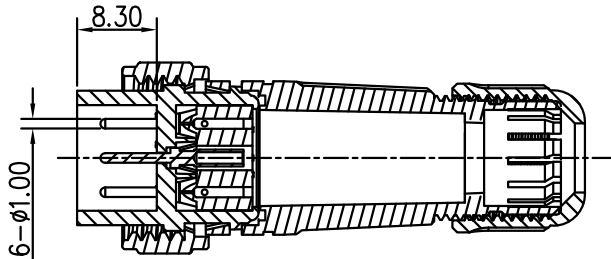
"NOT FOR INTERRUPTING CURRENT"

"FOR USE IN CLASS 2 CIRCUITS ONLY"

ATTENTION:

"NE PAS UTILISER POUR COUPER LE COURANT"

"UTILISIER DANS LES CIRCUITS DE CLASSE 2 SEULEMENT"



|     |             |                               |                                                                                                                                               |                 |                                                                                                             |
|-----|-------------|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------------------------------------------------------------------------------------|
| A3  | UPDATED BOM | ECN 2501015, 2025/01/10 BY BX | SCALE 1:1                                                                                                                                     | DESIGN UNITS 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 CHI.YH                                                                                                                               | DATE 2025/01/10 | TITLE CWA SERIES WATERPROOF POWER CONNECTOR, FLEX CABLE PLUG, MALE TERMINAL                                 |
|     |             |                               | CHECKED BY DAVIY.X                                                                                                                            | DATE 2025/01/10 | PART NUMBER CWAP-FCTS-G06P-B                                                                                |
|     |             |                               | APPROVED BY PAUL.X                                                                                                                            | DATE 2025/01/10 | MATERIAL NO. SEE CHART<br>DOCUMENT NO. DFC-CWAP-FCTS-G06P-B-ASM<br>SHEET NO. 1 OF 1                         |
|     |             |                               | GENERAL TOLERANCES UNLESS SPECIFIED                                                                                                           |                 |                                                                                                             |
|     |             |                               | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO CHY-TECH (HK) INDUSTRIAL CO., LTD. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                 |                                                                                                             |