

CWAP-FCTS-G02P-B(B)

Series

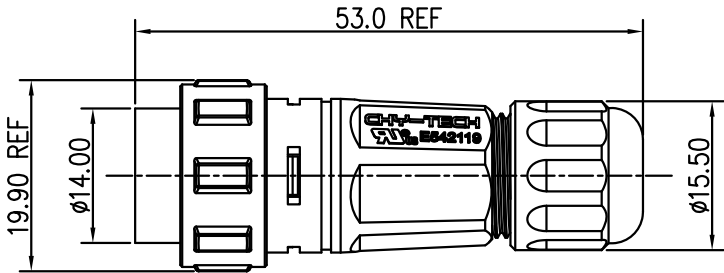
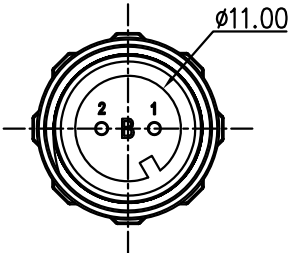
Type Code

Plating Code

Pole Qty

Contact Type

Serial Number



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-B	HEATYLON MS6H, BLACK	1
3	CRIMP CONTACTS	FMBA-410-S	COPPER ALLOY, 30~80μ" NICKEL UNDER-PLATED OVERALL. 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:

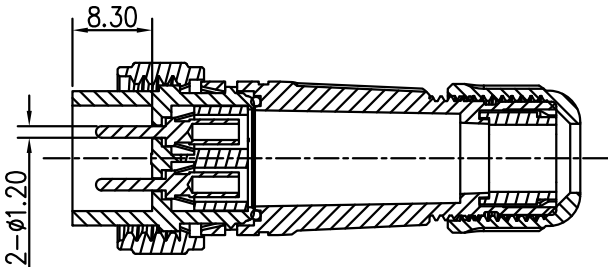
"NOT FOR INTERRUPTING CURRENT"

"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 2501038, 2025/01/17 BY BX	SCALE 1:1	DESIGN UNITS MM	CHY-TECH (HK) INDUSTRIAL CO.,LTD. CHY-TECH (HUBEI) TECHNOLOGY CO., LTD. CHY-TECH ELECTRONIC CO., LTD.			
VER	DESCRIPTION	MEMO	DRAWN BY CHI.YH	DATE 2025/01/17	TITLE CWA SERIES WATERPROOF POWER CONNECTOR, FLEX CABLE PLUG, MALE TERMINAL			
3rd ANGLE PROJECTION			CHECKED BY PAUL.X	DATE 2025/01/17	PART NUMBER CWAP-FCTS-G02P-B(B)			
0~10 ±0.1 20~50 ±0.3 10~20 ±0.2 ANGULAR ±5°			APPROVED BY PAUL.X	DATE 2025/01/17	MATERIAL NO. SEE CHART	DOCUMENT NO. DFC-CWAP-FCTS-G02P-B(B)-ASM	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					