

NOTES:

1. MATERIAL:

ITEM	PART NAME	P/N	DESCRIPTION	QTY
1	HOUSING	FPHC-210-B	HEATYLON MS6H, BLACK	1
2	PANEL NUT	FPNC-202	HEATYLON MS6H, BLACK	1
3	CONTACTS	FMEA-404-S	COPPER ALLOY, 30~80μ" NICKEL UNDER-PLATED OVERALL. 6μ" MIN GOLD PLATED OVERALL.	2
4	O-RING	FPOS-407	SILICON RUBBER, RED	1
5	INSULATOR CORE	FPIF-209	PA66 101L(r9), BLACK	1
6	O-RING	FPOS-410	SILICON RUBBER, RED	1
7	TETHER	FPJE-205-B	PA66 101L(r9), TRANSLUCENCY	1
8	PROTECTIVE COVER	FPNC-610	HEATYLON MS6H, BLUE	1
9	COVER GASKET	FPOS-202	SILICON RUBBER, RED	1
10	ANTI-RETREAT WASHER	FMWD-001	STAINLESS STEEL, T=0.3mm	1
11	POURING SEALANT	FIPS-001	EPOXY POURING SEALANT, E532 HF/H532 HF	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, PWB

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:

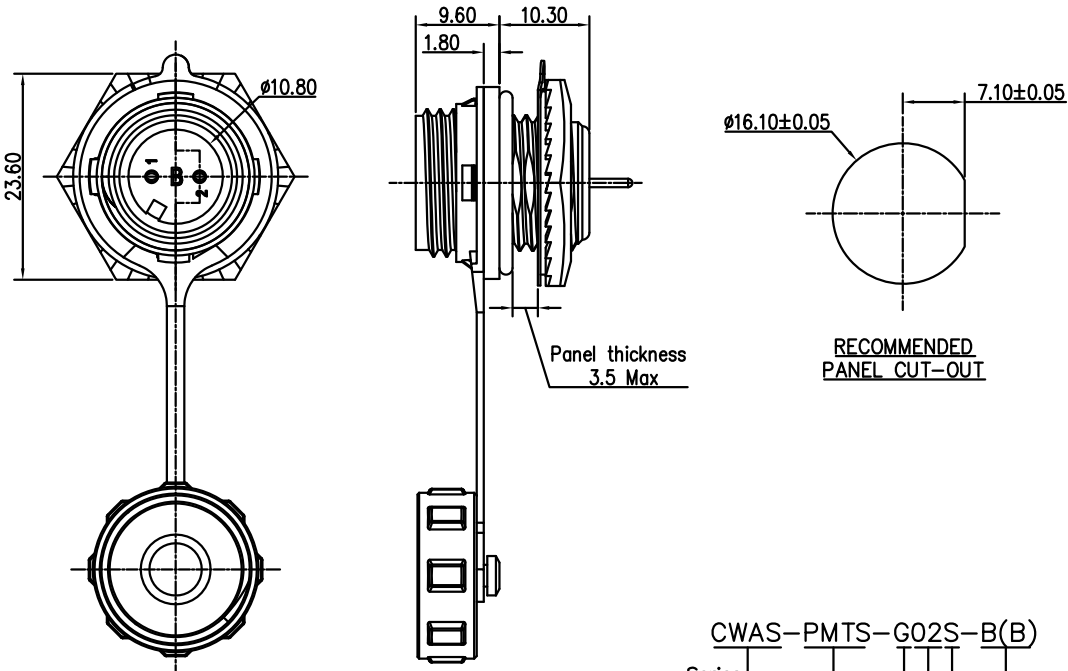
"NOT FOR INTERRUPTING CURRENT"

"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 DRAWING & NOTES	ECN 2501028, 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, FRONT PANEL MOUNTING, FEMALE TERMINAL
	3rd ANGLE PROJECTION		CHECKED BY PAUL.X	DATE 2025/01/17	PART NUMBER CWAS-PMTS-G02S-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
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		
			DOCUMENT NO. DFC-CWAS-PMTS-G02S-B(B)-ASM		SHEET NO. 1 OF 1