

NOTES:

1. MATERIAL:

ITEM	PART NAME	P/N	DESCRIPTION	QTY
1	HOUSING	FPHC-210-C	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-C	PA66 101L(r9), BLUE 285C	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

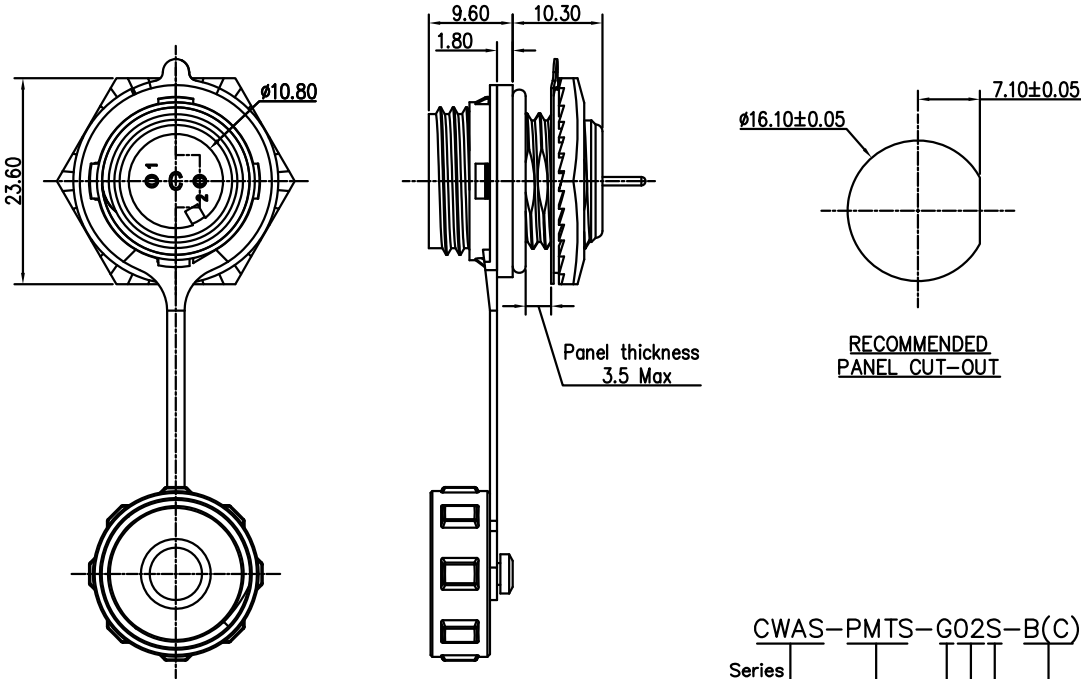
3. WATERPROOF RATE: IP68

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"



CWAS-PMTS-G02S-B(C)

Series
Type Code
Plating Code
Pole Qty
Contact Type
Serial Number

A6	UPDATE DRAWING & NOTES	ECN 2501029, 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(C)
0~10 ±0.1	20~50 ±0.3		APPROVED BY PAUL.X	DATE 2025/01/17	MATERIAL NO. SEE CHART
10~20 ±0.2	ANGULAR ±5'		DOCUMENT NO. DFC-CWAS-PMTS-G02S-B(C)-ASM		
GENERAL TOLERANCES UNLESS SPECIFIED			SHEET NO. 1 OF 1		
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO CHY-TECH (HK) INDUSTRIAL CO., LTD. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		