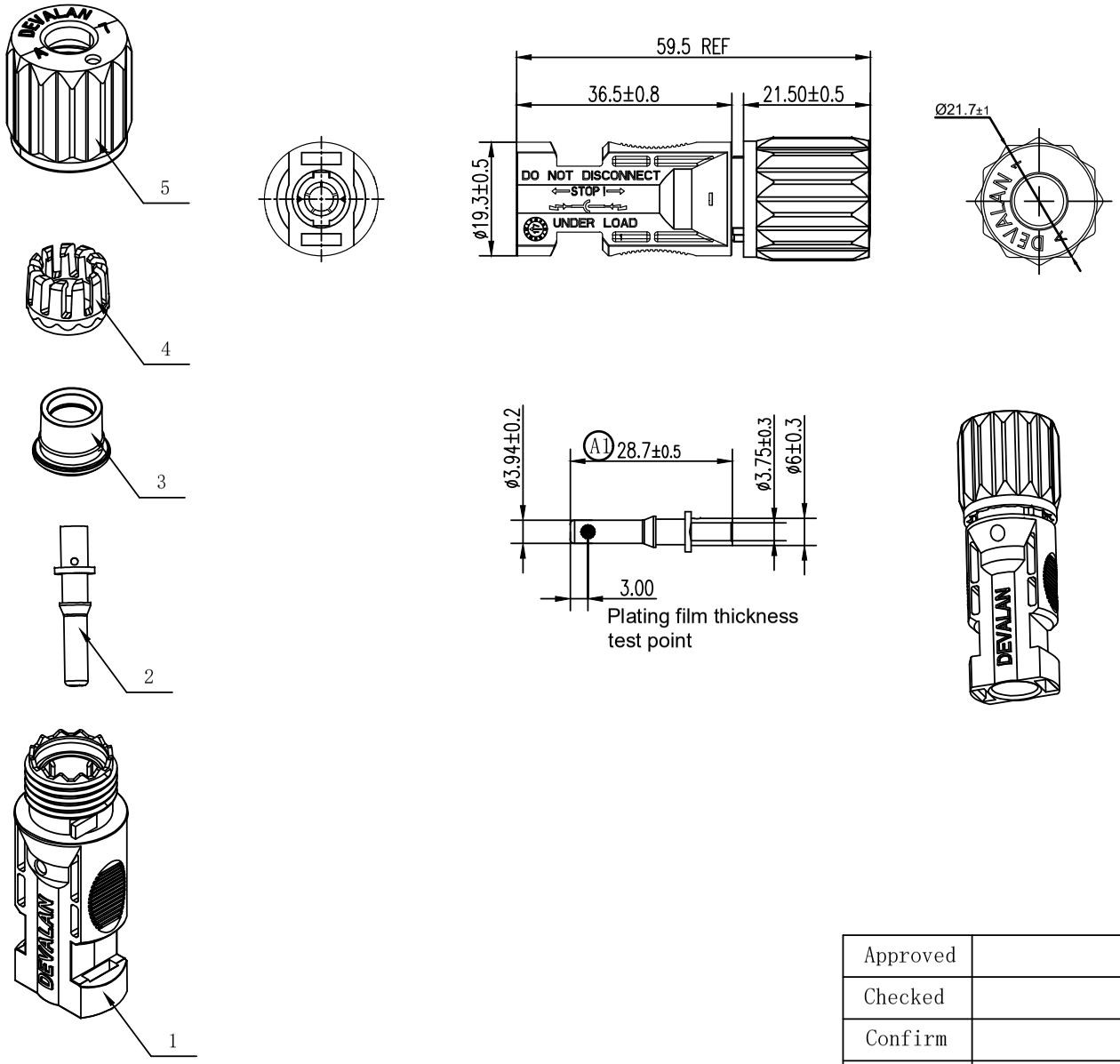
Fișă tehnică Vaconn VP-D4B-CHDM6B
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REV	Date	Description	Change By.	Change No.
A0	2021.07.30	First Issue		
A1	2023.04.27	Update Drawing	GP.Fang	



Technical Data:
Electrical:
1. Rated Voltage: 1100 VAC;
2. Rated Impulse Voltage:6400 VAC;
3. Rated Current: 6mm²/10AWG 40A TUV ;
4. Contact Resistance:≤0.4 mΩ;
5. Isulation Resistance:≥5000 MΩ;
Mechanical:
1. Mating Cycle: ≥500 Cycles;
Environmental:
1. Protection level:IP68 1m-1H (After Mating) ;
2. Operating Temperature:-40℃～+85℃。
The product meets: IEC 62852
Housing material: PBT/PC/PA
Terminal material: Copper alloy, Bright Tin 2-5μm Plated;
Terminal retention force: ≥5.0kgf;
Salt fog Test duration: 24H;
All materials meet RoHS environmental requirements;
Adapter cable: ϕ4.0-ϕ7.4mm
Torque for the connector lock nut: 2.6 N·m ～2.9 N·m。。

Table of materials:

NO.	Name	Materials	Quantity	Remark
5	Lock screw cap	PBT/PA	1	Black
4	Waterproof jaws	PBT/PA	1	Black
3	Cylindrical Seals	Silica gel	1	Beige
2	Terminal(Machining)	Copper alloy	1	Sn Plated
1	Housing	PBT/PC	1	Blue

Approved		Sheet	1/1	VACONN P/N	VP-D4B-CHDM6B
Checked		Unit	mm	Product Name	D4B线端手开公头机加端子连接器
Confirm		Projection		东莞市典威电子有限公司	
Designed				Dongguan Vaconn Electronic Technology Co., Ltd.	