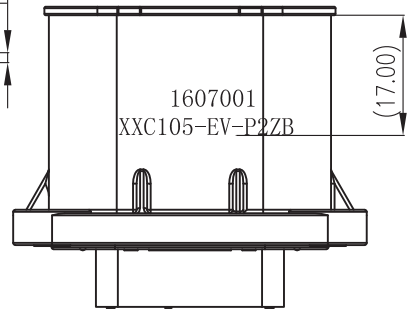
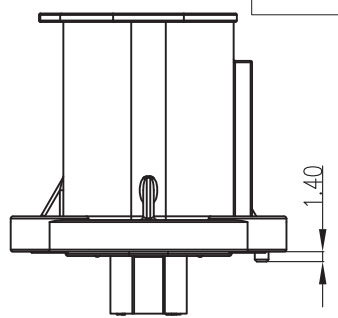
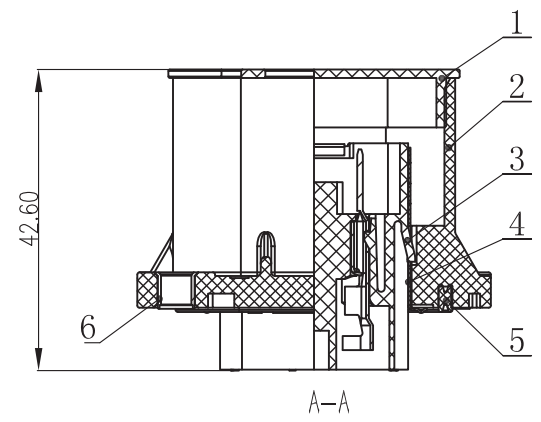
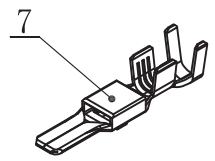
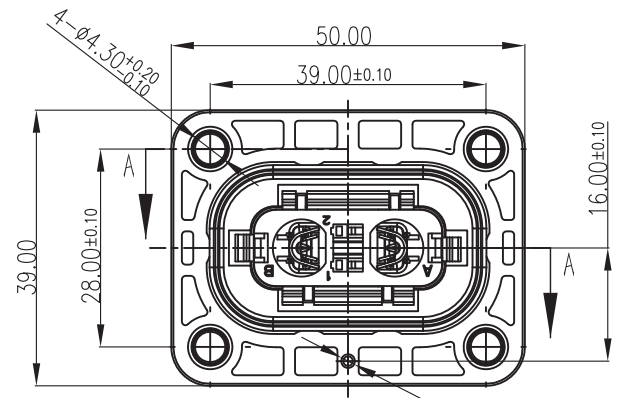


ECN NO.	REV	DATE	DESCRIPTION	MDF'D	APP'D
	A0	2022.5.15	Initial version	ZsH	Qilin



1. Material: Contact: Copper alloy, silver plating  
Housing: PA66+GF  
Insulating plastic: nylon, flame retardant grade: UL94 V-0  
Waterproof part: silicone rubber
2. Rated voltage: 630V AC/DC
3. Rated current: 20A (Adapt to 2.5mm<sup>2</sup> cables)  
Rated current: 25A (Adapt to 4.0mm<sup>2</sup> cables)  
Rated current: 40A (Adapt to 6.0mm<sup>2</sup> cables)  
Rated current: 60A (Adapt to 10.0mm<sup>2</sup> cables)
4. Withstand voltage: 3000V AC (1 Minutes)
5. Insulation resistance:>2000M Ω (normal state)
6. Working temperature: - 40 ℃~+125 ℃
7. Mechanical life: ≥ 500 times
8. Waterproof grade: IP67 (matching state)
9. Product meets environmental RoHS requirements
10. With or without high-voltage interlock (Optional)



part no code

series 04-HV XX X X-X XX-X 03

High voltage

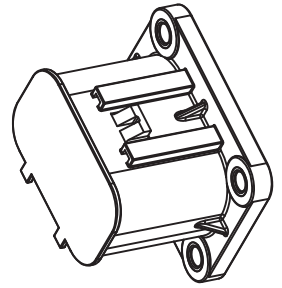
01:1  
02:2  
03:3  
and so on

0: Unlimited interlocking  
Y: high-handed  
N: Unlimited high-handed  
0: Not involved  
1: Shielding wire  
2: Unshielded wire

03: Serial number  
0: No distinction  
P: Plug  
S: Socket

X: X Key  
N: N  
W: W  
A: A  
Z: Z  
Y: Y

03: 3mm<sup>2</sup> Cable  
04: 4mm<sup>2</sup> Cable  
05: 5mm<sup>2</sup> Cable  
06: 6mm<sup>2</sup> Cable  
00: 0.5-0.75mm<sup>2</sup> Cable  
02: 2.5mm<sup>2</sup> Cable



7	See List	Terminal blocks	2 PCS
6	XX105-02-00-01B	Install the bushing	4 PCS
5	XX105-02-00-05B	Interfacial apron	1 PCS
4	XX105-02-00-03B	2-core Socket shielding layer	1 PCS
3	XX105-02-00-02B	2-core Socket inner core shielding layer	1 PCS
2	XX105-02-00-04B	2-core Socket housing insulation layer	1 PCS
1	XX105-02-00-06B	2-core Socket dust cover	1 PCS
No	Part No	Part Name	Number

General Tolerance	Angle Tolerance
X ±0.5 .X ±0.2 .XX ±0.1	±1°
MATL: SEE-NOTES	Unless otherwise specified, dimensions are in metric and tolerances are
CUSTOMER-DRAWING	

<b>POWER DYNAMICS INC.</b>			
145 Algonquin Parkway, Whippany, NJ 07981			
Phone: 1-973-560-0019		e-mail: sales@powerdynamics.com    www.powerdynamics.com	
DESIGNER	ZsH	TITLE: XXC105 High Voltage Metal Connector	
CHECKED	ZsH	PARTS NO: A1-XXC105S00X	
APPROVAL	Qilin		(UNIT): mm (SCALE): 1:1 (SHT): 1/1

Series	Part No	Material No	describe	Adapter cable	Terminal blocks
XXC105-EV-P2ZB	A1-XXC105S001	04-HV02Y1-002-S05	Socket with 2.5mm <sup>2</sup> shielded wire terminal	2.5mm <sup>2</sup>	XX106-02-00-03
	A1-XXC105S002	04-HV02Y1-06A-S05	Socket with 4-6mm <sup>2</sup> shielded wire terminal	4~6mm <sup>2</sup>	XX106-02-00-04
XXC105-EV-P2ZB	A1-XXC105S006	04-HV02Y1-002-S05-M1	Socket with 2.5mm <sup>2</sup> shielded no wire terminal	2.5mm <sup>2</sup>	
	A1-XXC105S008	04-HV02Y1-06A-S05-M1	Socket with 4-6mm <sup>2</sup> shielded no wire terminal	4~6mm <sup>2</sup>	