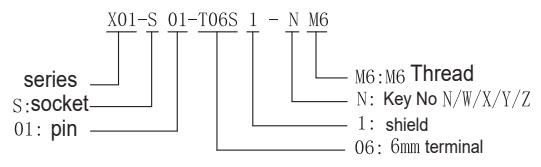
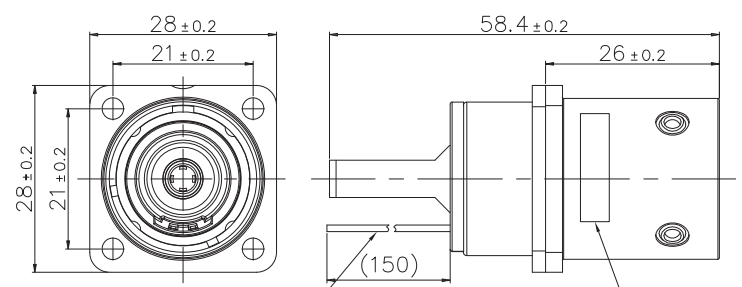
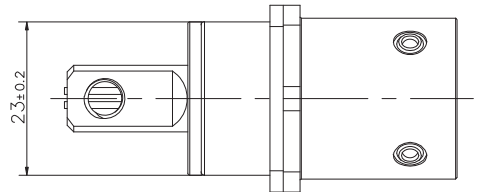
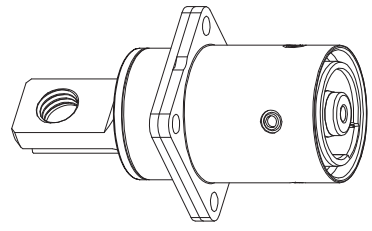


ECN NO.	REV	DATE	DESCRIPTION	MDF'D	APP'D
	A0	2022.7.3	Initial version	FangP	SYK

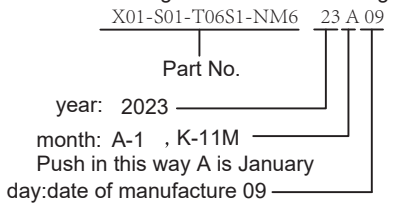


Technical requirements:

- Material:
 - Contact: a. Power terminal: T2 red copper/silver plated;
 - Shell: PA66+GF, flame retardant grade UL94-V0;
 - Waterproof parts: NE-1340 silicone rubber;
- Rated voltage: 1000V DC;
- Rated current: 120A max
- Withstand voltage: 3000V AC
- Insulation resistance:>2000m Ω (normal)
- Working temperature: - 40 C~+125 C;
- Mechanical life:>500 times
- Insertion force:<70N
- Waterproof grade: IP67/IPX9 (matching status)
- Shielding function: 360 ° shielding
- With high voltage interlock or not: Yes
- The product meets the ROHS requirements for environmental protection.



Coding rules for laser lettering



11	L04-030-005-BK002	0.5mm ² cable black	0.25 m
10	X01-S01-T06S1-N04	6mm socket cover	1 PCS
9	X01-P01-T06SN-007	6mm terminal	1 PCS
8	X01-S01-T06SH-M61	6mm terminal M6	1 PCS
7	X01-S01-T10SH-H09	Socket Interlock contact	2 PCS
6	XX101-01-02-02	6mm terminal Anti-touch	1 PCS
5	X01-S01-T06S1-N03	6mm Socket protective sleeve	1 PCS
4	X01-S01-T06SH-005	6mm Socket pad	1 PCS
3	See PN BOM	6mm Socket cover	1 PCS
2	X01-S01-T10S1-002	∅2.5 ball	4 PCS
1	X01-S01-T06SH-008	6mm clip ring	1 PCS
No.	PN	Part Name	Num

PN BOM					
No.	PN	Key	Part no	PN	Color
5	X01-S01-T06S1-ZM6	Z	3	X01-S01-T06S1-Z00	Blue
4	X01-S01-T06S1-YM6	Y	3	X01-S01-T06S1-Y00	Green
3	X01-S01-T06S1-XM6	X	3	X01-S01-T06S1-X00	Red
2	X01-S01-T06S1-WM6	W	3	X01-S01-T06S1-W00	Yellow
1	X01-S01-T06S1-NM6	N	3	X01-S01-T06S1-N00	Black

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

HV Metal Connector			
DESIGNER	FangP	TITLE: XX111 High Voltage Metal Connector	
CHECKED	FangP	PARTS NO: X01-S01-T06S1-NM6 23A09 (Socket)	
APPROVAL	SYK		(SCALE): 1:1 (SHT): A4

CUSTOMER-DRAWING