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FOR-1755 Rev.1.6

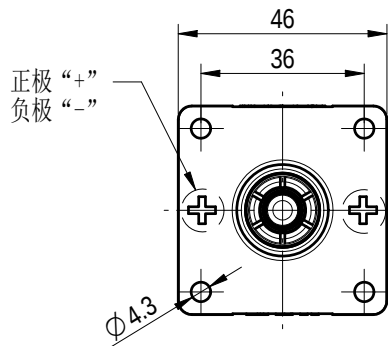
2

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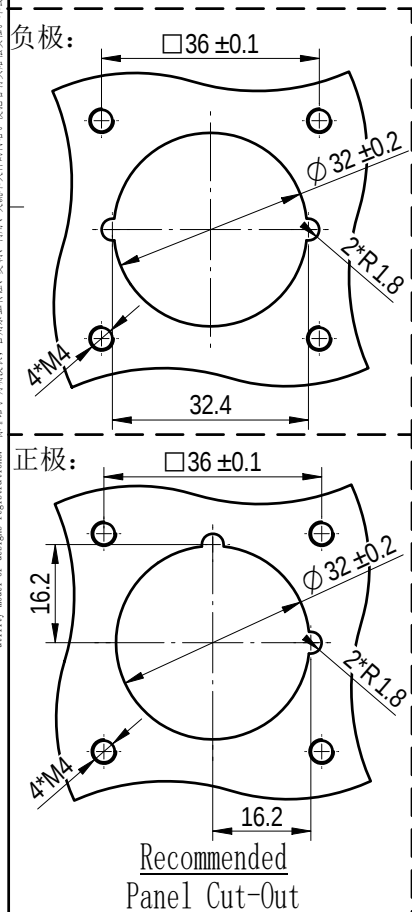
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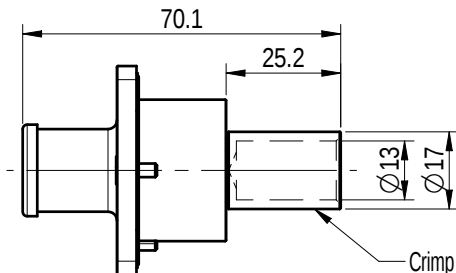
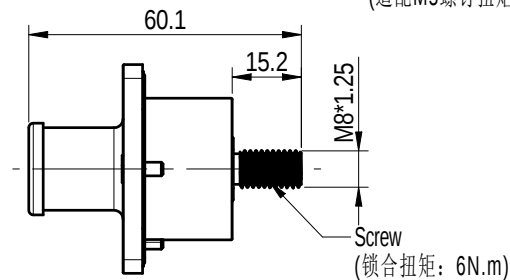
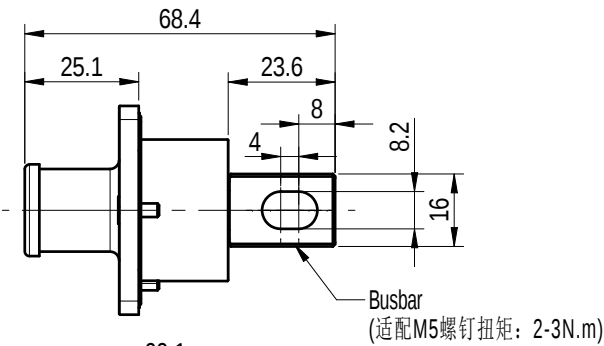
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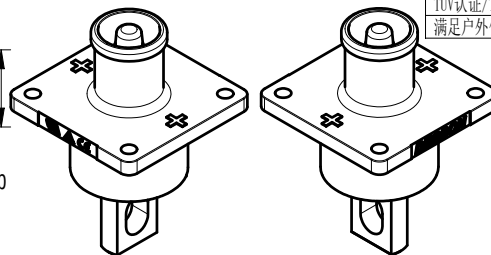
其他接线方式：形式一：



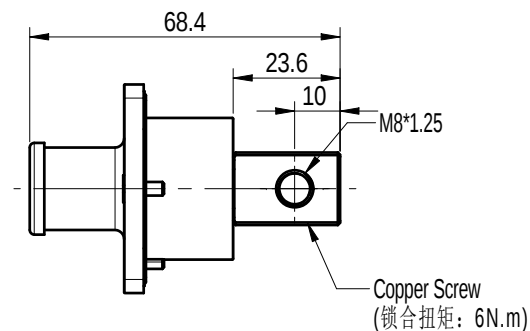
形式二：



仅Busbar的形式3D展示：



形式三：



尺寸公差 (mm)					0.05/10 ±1'
0	>30	>60	>100	>150	
~30	~60	~100	~150	~150	
±0.20	±0.30	±0.50	±0.70	±1.00	
技术要求/Technical requirements:					
颜色/Color		Black, Orange, Red			
锁紧方式/Locking method		卡扣(Buckle)			
接线方式/Terminal		Busbar, Screw, Crimp, Copper Screw			
外壳材料/Housing material		PA+GF			
接触件材料/Connector material		铜合金 (Copper alloy)			
插入力/Insertion force		100N Max			
拔出力/Withdrawal force		>10N			
插拔次数/Mechanical working life (mating cycles)		100			
安装螺母紧固扭矩/Screw torque		M4/0.4~0.7N.m			
接线规格/Wiring specifications		2/0AWG or 70mm²			
建议剥线长度/Suggested stripping length		19~21mm (Crimp type)			
线径OD/Wire diameter		15.5~17mm (Crimp type)			
额定电压/Rated voltage		1500V DC			
额定电流/Rated current		250A			
绝缘电阻/Insulate resistance		≥5000MΩ (drying)			
耐电压/Withstanding voltage		6800V/min			
接触电阻/Contact resistance		≤0.5mΩ			
过电压等级/Overvoltage category		III			
污染等级/Pollution degree		3			
防护等级/Ingress protection		IP67 (Mated)			
使用温度范围/Operating temperature (°C)		-40~+125 (including temperature rise)			
盐雾/Salt spray		48H			
储存温度/Storage temperature (°C)		-40~+85			
阻燃等级/Flame retardant ability		UL94-V0			
符合RoHS环保要求/Conform to RoHS		Yes			
UL4128认证/UL4128 certification		E526028			
TUV认证/TUV certification		50581738			
满足户外使用/Satisfy outdoor use		Yes			

active

ESS-250A-70-X-XX-00

Color: BK : Black 负极
OR : Orange 正极
RD : Red 正极

Contact Termination: B : Busbar
C : Crimp
S : Screw
B/S : Copper Screw

APPD: 刘剑		2024.01.24	MATERIAL:		SURFACE/COLOR:	
CHKD: 于进海		2024.01.21	MAT NO./REV:		MAT STATUS:	
DRFT: 张晓璐		2021.01.17	NAME		ESS-250A-70-XX-XX-00	
DRAWING NO.		200269869	TYPE		DRAWING STATUS	SHEET
CUSTOMER DRAWING					1:1.25	1/1

01	REV	ECN	DESCRIPTION	DRFT	DATE