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FOR-1755 Rev.1.8

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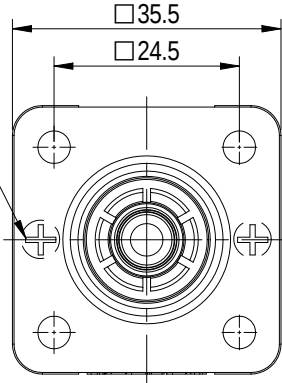
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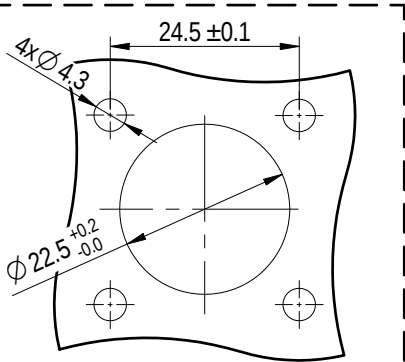
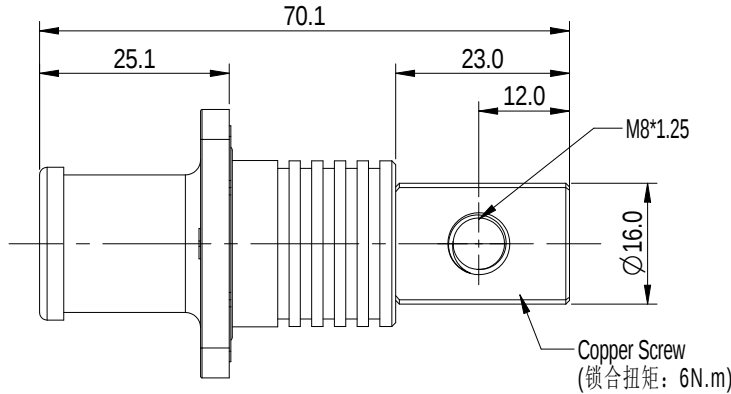
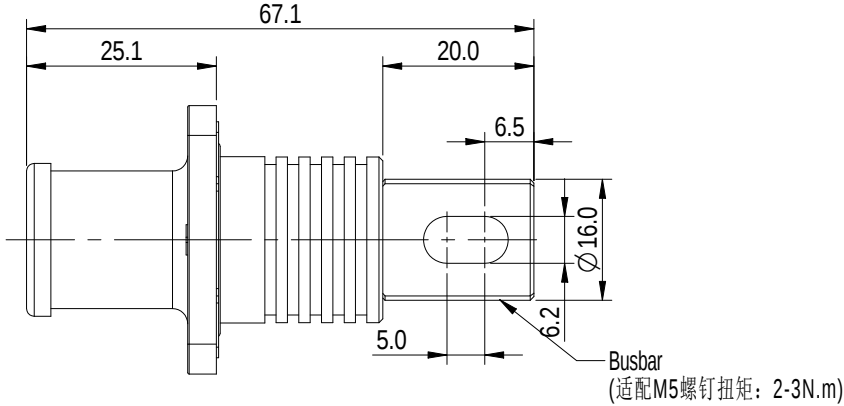
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正极“+”
负极“-”



其他接线方式：形式一：



Recommended
Panel Cut-Out

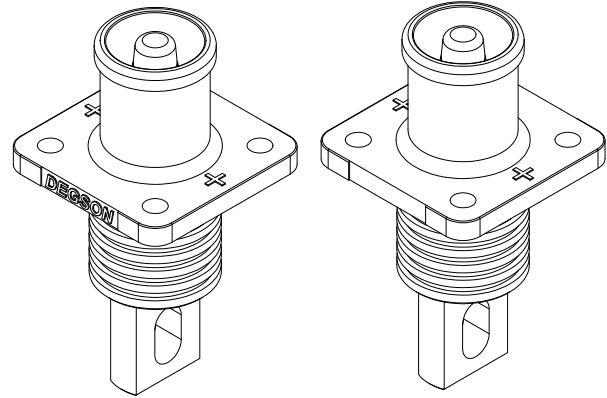
ESS-250A-70-X-XX-01

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

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

尺寸公差 (mm)						0.05/10 ±1°
0	>30	>60	>100	>150		
~30	~60	~100	~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, 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				
满足户外使用/Satisfy outdoor use		Yes				

仅Busbar的形式3D展示：



			MATERIAL:		SURFACE/COLOR:			
			MAT NO./REV:		MAT STATUS:			
APPD:	刘剑	2024.01.24	NAME ESS-250A-70-X-XX-01					
CHKD:	于进海	2024.01.21						
DRPT:	张晓瑶	2024.01.17	DRAWING NO.		TYPE	DRAWING STATUS	SCALE	SHEET
 A4			200272275		CUSTOMER DRAWING		1:1	1/1

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