

			MATERIAL:		SURFACE/COLOR:			
			MAT NO. /REV:		MAT STATUS:			
APPD:	刘剑	2024.01.24	NAME					
CHKD:	于进海	2024.01.21	ESS-200A-50-X-XX-XXL (H)					
DRFT:	张晓瑶	2024.01.17	DRAWING NO.	TYPE	DRAWING STATUS		SCALE	SHEET
	A4		200269867	CUSTOMER DRAWING			1:1	1/1

Dimensional tolerance(mm)					 0.10/10  ±2°
0 ~ 30	>30 ~ 60	> 60 ~ 100	> 100 ~ 150	> 150	
±0.25	±0.35	±0.55	±0.80	±1.10	

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
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	1/0AWG or 50mm ²
建议剥线长度/Suggested stripping length	13~14mm (Crimp type)
线径OD/Wire diameter	12.5~14mm(Crimp type)
额定电压/Rated voltage	1500V DC
额定电流/Rated current	200A
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

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REV	ECN	DESCRIPTION	DRFT	DATE