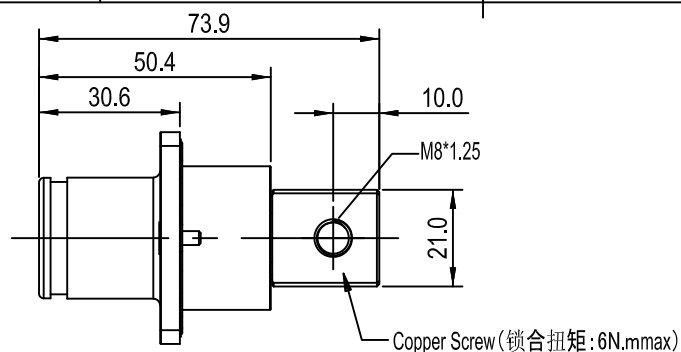




Technical drawing of the front view of the assembly. Dimensions shown include a total length of 68.7, a distance of 18.2 from the right face of the main body to the center of the screw, and a thread specification of M8*1.25. A label 'Screw (鎖合扭矩: 6N.mmax)' points to the screw.

Technical drawing of a mechanical assembly showing dimensions: 74.7, 24.2, Ø 17.0, and Ø 22.0.

Technical drawing of a busbar assembly. The drawing shows a side view of a cylindrical component with a flange and a busbar. Dimensions are provided in millimeters (mm):

- Overall length: 73.9
- Distance from the end of the cylindrical part to the center of the busbar: 23.5
- Radius of the busbar: 4.0
- Radius of the cylindrical part: 6.2
- Radius of the busbar: 21.0

Labels include "Crimp" pointing to the end of the cylindrical part and "Busbar" pointing to the cylindrical component.

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- 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

Dimensional tolerance(mm)					 0.1/10  12°
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+GF
接插件材料(Connector material)	铜合金(Copper alloy)
插入力(Insertion force)	80N 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)	250kcmil
建议剥线长度(Suggested stripping length)	22~24mm(Crimp type)
线径OD(Wire diameter)	20~22mm(Crimp type)
额定电压(Rated voltage)	1500V DC/min
耐电压(Withstanding voltage)	6800V
额定电流(Rated current)	400A
绝缘电阻(Insulation resistance)	≥5000MΩ(drying)
接触电阻(Contact resistance)	≤0.2mΩ
过电压等级(Overvoltage category)	III
污染等级(Pollution degree)	3
使用温度范围(Operating temperature)	-40~+125°C (including temperature rise)
盐雾(Salt spray)	48H
储存温度(Storage temperature)	-40~+85°C
阻燃等级(Flame retardant ability)	UL94-V0
防护等级(Ingress protection)	IP67(Mated)
符合RoHS环保要求(Conform to RoHS)	Yes



 DEGSON			MATERIAL:			SURFACE/COLOR:		
			MAT NO./REV: /			MAT STATUS:		
APPD:			NAME ESS-400A-250-X-XX-00					
CHKD:								
DRFT:								
 A4 			DRAWING NO.	TYPE CUSTOMER DRAWING		DRAWING STATUS	SCALE 1:1	SHEET 1/1