

High-Tensile Solder Sleeve Wire Splices 高抗拉焊锡端子

双壁加厚抗拉, 防水密封
High Tensile Strength. Waterproof Seal

SST-H 系列专为需要更高机械强度的电气连接而设计。采用一体化结构, 由预涂助焊剂的焊锡环和彩色双壁热缩管组成。加热后, 焊锡熔化连接导线, 同时双壁管收缩并释放热熔胶进行密封。相比普通焊锡环, 其加厚的双壁结构提供了卓越的抗拉力与耐磨性, 而管身的颜色编码设计则让线径匹配变得轻松直观, 大幅降低安装成本与错误率。

The SST-H series is engineered for applications requiring enhanced mechanical strength. It features a one-piece design integrating a flux-coated solder ring within a colored double-wall heat shrink sleeve. Upon heating, the solder bonds the wires while the dual-wall tubing shrinks to provide a waterproof seal. Distinguished by its superior tensile strength and abrasion resistance, the SST-H series also features color-coding for instant wire gauge identification, simplifying installation and ensuring connection reliability.

备注:

- 可按需提供定制尺寸和颜色。技术规格如有变更, 恕不另行通知。最小起订量 (MOQ) 可能与标准包装数量不同。
- 如果您的应用需要同时具备“压接”和“锡环”双重功能, 请选择我们的“STBT”系列。
- 如需完整的材料规格书, 请联系我们索取 Datasheet。
- 当接头两端需要连接不同线径的导线 (异径对接) 时, 请选择“CA”系列。

Notes:

- Custom sizes and colors are available upon request. Technical specifications are subject to change without prior notice. Minimum order quantities (MOQ) may differ from standard packaging quantities.
- If your application calls for a product that combines both crimping and a solder-ring, choose our “STBT” Series.
- For complete material specifications, please contact us to request the data sheet.
- When different wire gauges are required on the two ends of the splice, opt for the “CA” Series.



特性与优势 Features and benefits

- 3:1 高收缩比: 适配线径范围广, 包裹紧致。
- 高抗拉强度: 加厚双壁管身设计, 提供优异的机械保护与抗拉力。
- 防水防腐: 内含优质热熔胶, 有效阻隔水汽及化学物质。
- 彩色编码: 管身整体着色 (红/蓝/黄/白), 快速对应标准线规, 选型无误。
- 3:1 Shrink Ratio: Accommodates a wide range of wire gauges.
- High Tensile Strength: Double-wall structure provides robust mechanical protection and pull-out resistance.
- Waterproof Sealing: Hot-melt adhesive lining blocks moisture and corrosion.
- Color-Coded: Full-sleeve coloring indicates wire size for fast, error-free selection.

颜色 COLOR

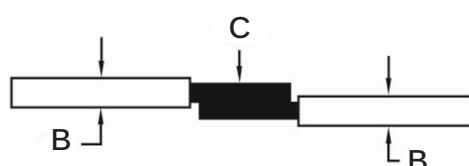
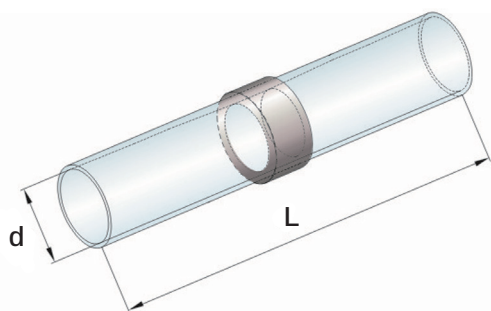


表 A. SST-H 系列
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产品编号 Part No.	产品规格 Product Dimensions (mm)		电线规格 Wire Dimensions (mm)			适用线规 Wire Range		颜色 Color
	D $\pm$ 0.3	L $\pm$ 2	B (min.)	B&C (max.)	C (min.)	A.W.G	mm ²	
SST-H-11	3.8	40	1.0	2.0	0.76	26-24	0.25-0.34	白 White
SST- H-21	4.5	40	1.4	2.7	1.2	22-18	0.5-1.0	红 Red
SST- H-31	7.0	40	2.3	4.7	2.0	16-14	1.5-2.5	蓝 Blue
SST- H-41	8.0	40	3.7	6.1	3.4	12-10	4.0-6.0	黄 Yellow

性能参数表 Technical indicators

测试项目 Test Item	特性指标 Characteristics	测试条件 Test condition
老化前 Unaged	抗张强度 Tensile strength Min. 14MPa 断裂伸长率 Elongation Min. 400%	室温 Room temp.
老化后 Aged	抗张强度 Tensile strength Min. 10MPa 断裂伸长率 Elongation Min. 200%	150°C / 7d
耐压与击穿电压 (老化前) Voltage withstand and breakdown Voltage (Unaged)	耐压 1 kV 持续 1 分钟, 并测定击穿电压 Withstand 1kV for 1minute and breakdown	室温 Room temp.
耐压与击穿电压 (老化后) Voltage withstand and breakdown Voltage (Aged)	耐压 1 kV 持续 1 分钟, 且击穿电压不低于老化前数值的 50% Withstand 1kV for 1minute and breakdown at least half of unaged breakdown voltage	150°C/7d
冷弯 Cold bend	无裂纹 No crack	-40°C / 4hrs
最大正割模量 (2%) Maximum secant modulus (2%)	250 MPa	—
体积电阻率 Volume resistivity	Min. 10 ¹⁴ Ω · cm	—
热冲击 Heat shock	无裂纹 No crack	200°C / 4hrs
工作温度 Operating Temperature	-55°C ~ 125°C	