

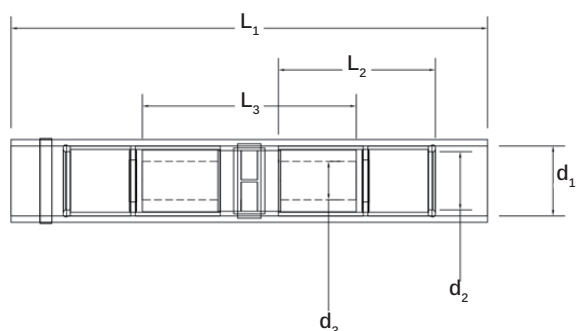
Fixed Connector for Electrical Wire 电线死接头

专为严苛环境设计, 打造极致可靠的终端连接
Extreme Reliability for Critical Aerospace Terminations

该系列端子专为高精尖工业领域的线缆终端连接与保护而研发。产品采用高纯度紫铜管芯, 配合高性能透明绝缘套管, 旨在满足极端恶劣环境下的使用需求。其独特的“单端并接”结构支持单根或多根电线的可靠连接。压接后, 不仅提供稳定的电气导通与绝缘防护, 更具备卓越的抗震防松脱性能, 确保每一次飞行任务的安全无虞。

Engineered for the rigorous demands of mission-critical industries, these splices provide secure termination and protection for wire cables. Featuring a high-purity copper barrel and high-performance transparent insulation, they are built to withstand extreme environments. The design facilitates single or multi-wire splicing in a "dead-end" configuration. Once crimped, they deliver stable electrical insulation and superior vibration resistance, ensuring fail-safe reliability for flight-critical systems.

颜色 COLOR



特性与优势 Features and benefits

- 可视观察孔设计: 铜管身设有精密观察孔, 压接前可直观确认导线是否插到底, 杜绝虚接隐患。
- 高透明色标套管: 绝缘套管通透清晰, 带有标准化色环, 便于快速识别适配线径及压接后的目视质检。
- 灵活并线能力: 支持单根终端封头或多根电线并接, 适应复杂的布线拓扑结构。
- 耐候性: 材料选型经得起高空温差、剧烈震动及化学试剂的考验, 连接安全可靠。
- Inspection Window: Copper barrel features a viewport to verify full wire insertion depth prior to crimping, preventing connection failures.
- Color-Coded Transparency: Clear sleeve with color-coded rings allows for instant wire gauge identification and post-crimp visual inspection.
- Versatile Splicing: Accommodates single-wire termination or multi-wire pigtailling, offering flexibility for complex wiring harnesses.
- Durability: Materials are selected to resist extreme temperature cycling, vibration, and chemicals, ensuring mission-critical safety.

表 A. 产品规格
Table A. Product Dimensions

编号 Part No.	护管 Protecting tube (mm)			接头座 Copper Barrel (mm)			衬套 Inner Liner (mm)				颜色 Color
	ID ₁	壁厚 W.T.	L ₁	ID ₃	壁厚 W.T.	L ₃	OD	ID ₂	壁厚 W.T.	L ₂	
HB6-95-4	6.4±0.4	0.5±0.15	40±2	3.3±0.3	1±0.15	18.5±1.0	6.4±0.4	5.0±0.4	0.3±0.15	13.5±1.0	透明 Clear