



热缩型端子
Heat Shrinkable Terminals



ELECTRICAL INTERCONNECT HEAT SHRINKABLE TUBING

HSC Heat Shrinkable Crimp Splices
防水热缩中接端子



应用 Applications

HSC是由聚烯烃生而成的热收缩套管涂胶而成，用于保护连接、防水防腐蚀，可以在粗糙的环境中加强固定和防震动，具有很好的绝缘保护电子连接器的功能。与常规的连接器相比，具有耐久性、易于安装、安装成本低的优势。

HSC protects splices from water and corrosion. Providing strain relief and against vibration in rugged environments, which excellently insulates and protects electronic connections. It offers long-term performance, easy installation, and a low installed cost, which is more reliable than conventional crimp terminals.

特性 Characteristics

- 收缩率3:1
- Polyamide热熔胶提高优异的防水性能
- 材料优异的延伸性能，抗机械损害
- 透明度佳，提高更好的抗拉力
- 高弹性能，管材不易变形
- Shrinkage ratio 3:1
- Polyamide hot-melt adhesive provides excellent waterproof property
- Excellent stretch and mechanical damage resistance
- Ideally transparency provides tensile strength
- High elasticity keeps steady performance

操作温度范围 Operating temperature range

- 操作温度:-55°C ~ 125°C
- 开始收缩温度:80°C
- 最低完全收缩温度:130°C
- Operating temperature:-55°C ~ 125°C
- Minimum shrink temperature:80°C
- Minimum fully recovery temperature:130°C

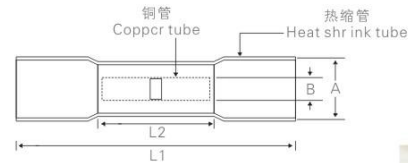


性能参数 Technical indicators

Test Item		Characteristics	Test condition
Unaged	Tensile strength	Min. 16MPa	Room temp.
	Elongation	Min. 200%	
Aged	Tensile strength	Min. 11.5MPa	158°C/7 days
	Elongation	Min. 100%	
Voltage withstand and breakdown Voltage(Unaged)		Withstand 2.5 KV for 1 minute and breakdown	Room temp.
Voltage withstand and breakdown Voltage(Aged)		Withstand 2.5 KV for 1 minute and breakdown at least half of unaged breakdown voltage	158°C/7 days
Copper corrosion		No corrosion of bare copper	158°C/7 days
Copper stability		No sign of degradation Min.Eongation 100%	158°C/7 days
Cold bend		No crack	-30°C/4 hrs
Maximum secacht modulus(2%)		250 MPa	-
Volume resistivity		Min. 10 ¹⁴ Ω-cm	-
Heat shock		No crack	250°C/4 hrs

产品规格 Product Dimensions

Part. No 产品型号	Wire Range 电线		Copper tube 铜管(mm)			Heat shrink tube 热缩管(mm)			Insulator 材质	Color 颜色	Package 包装	Approval 符合
	A.W.G	mm ²	OD	B	L2	OD	A	L1				
HSC-1	22-16	0.5-1.5	3.3	1.7	15	5.8	4.7	36.0	PE	Red	1000	RoHS
HSC-2	16-14	1.5-2.5	4.0	2.4	15	6.9	5.7	36.0	PE	Blue	1000	RoHS
HSC-3	12-10	4.0-6.0	5.6	3.6	15	8.0	6.7	42.0	PE	Yellow	800	RoHS



推荐工具: 型号CT2005
Crimping Tool: P/N CT2005



ELECTRICAL INTERCONNECT HEAT SHRINKABLE TUBING

HSC-H High Strength Heat Shrinkable Crimp Splices 高强度热缩中接端子



应用 Applications

HSC-H是由改性聚烯烃生而成的热收缩套管涂胶而成粘接力对PVC,PE,金属粘接力强,用于保护连接、防水防腐性,可以在粗糙的环境中加强固定和防震动,具有很好的绝缘保护电子连接器的功能。与常规的连接器相比,具有耐久性、易于安装、安装成本低的优势。

HSC-H Made by modified polyolefin, with superior for protecting splices from water and corrosion. Inner adhesive bonds to PVC,PE,and metals. Providing strain relief and against vibration in rugged environments, which excellently insulates and protects electronic connections. It offers long-term performance, easy installation, and a low installed cost, it is more reliable than conventional crimp terminals.

特性 Characteristics

- 收缩率3:1
- 含热熔胶具防水性能
- 材料优异的延伸性能,抗机械损害
- 透明度佳及良好的外管
- 高弹性能,管材不易变形
- Shrinkage ratio 3:1
- Hot-melt adhesive provides excellent waterproof property
- Excellent stretch and mechanical damage resistance
- Ideally transparency provides tensile strength
- High elasticity keeps steady performance

操作温度范围 Operating temperature range

- 操作温度:-40°C ~ 105°C
- 开始收缩温度:60°C
- 最低完全收缩温度:100°C
- Operating temperature:-45°C ~ 105°C
- Minimum shrink temperature:60°C
- Minimum fully recovery temperature:100°C

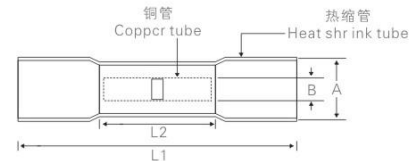


性能参数 Technical Indicators

Test Item		Characteristics	Test condition
Unaged	Tensile strength	Min. 16MPa	Room temp.
	Elongation	Min. 200%	
Aged	Tensile strength	Min. 11.5MPa	150°C/7 days
	Elongation	Min. 100%	
Voltage withstand and breakdown Voltage(Unaged)		Withstand 2.5 KV for 1 minute and breakdown	Room temp.
Voltage withstand and breakdown Voltage(Aged)		Withstand 2.5 KV for 1 minute and breakdown at least half of unaged breakdown voltage	150°C/7 days
Copper corrosion		No corrosion of bare copper	150°C/7 days
Copper stability		No sign of degradation Min. Eongation 100%	150°C/7 days
Cold bend		No crack	-40°C/4 hrs
Heat shock		No crack	200°C/4 hrs

产品规格 Product Dimensions

Part. No 产品型号	Wire Range 电线		Copper tube 铜管(mm)			Heat shrink tube 热缩管(mm)			Insulator 材质	Color 颜色	Package 包装	Approval 符合
	A.W.G	mm ²	OD	B	L2	OD	A	L1				
HSC-H-1	22-16	0.5-1.5	3.3	1.7	15	5.8	4.7	36.0	PE	Red	1000	RoHS
HSC-H-2	16-14	1.5-2.5	4.0	2.4	15	6.9	5.7	36.0	PE	Blue	1000	RoHS
HSC-H-3	12-10	4.0-6.0	5.6	3.6	15	8.0	6.7	42.0	PE	Yellow	500	RoHS



Color: red, blue, yellow
颜色: 红、蓝、黄



推荐工具: 型号CT2005
Crimping Tool: P/N CT2005





应用 Applications

HSRT HSYT是由聚烯烃生而成的热收缩套管涂胶而成，用于保护连接、防水防腐，可以在粗糙的环境中加强固定和防震，具有很好的绝缘保护电子连接器的功能。与常规的连接器相比，具有耐久性、易于安装、安装成本低的优势。

HSRT HSYT protects splices from water and corrosion. Providing strain relief and against vibration in rugged environments, which excellently insulates and protects electronic connections. It offers long-term performance, easy installation, and a low installed cost, which is more reliable than conventional crimp terminals.

特性 Characteristics

- 收缩率3:1
- 材料优异的延伸性能，抗机械损害
- 透明度佳，提高更好的抗拉力
- 高弹性性能，管材不易变形
- Shrinkage ratio 3:1
- Excellent stretch and mechanical damage resistance
- Ideally transparency provides tensile strength
- High elasticity keeps steady performance



操作温度范围 Operating temperature range

- 操作温度: -55°C ~ 125°C
- 开始收缩温度: 80°C
- 最低完全收缩温度: 130°C
- Operating temperature: -55°C ~ 125°C
- Minimum shrink temperature: 80°C
- Minimum fully recovery temperature: 130°C

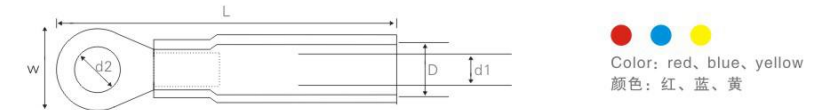


性能参数 Technical Indicators

Test Item	Characteristics	Test condition
Unaged	Tensile strength	Min. 16MPa
	Elongation	Min. 200%
Aged	Tensile strength	Min. 11.5MPa
	Elongation	Min. 100%
Voltage withstand and breakdown Voltage(Unaged)	Withstand 2.5 KV for 1minute and breakdown	Room temp.
Voltage withstand and breakdown Voltage(Aged)	Withstand 2.5 KV for 1minute and breakdown at least half of unaged breakdown voltage	158°C/7 days
Copper corrosion	No corrosion of bare copper	158°C/7 days
Copper stability	No sign of degradation Min.Eongation 100%	158°C/7 days
Cold bend	No crack	-30°C/4 hrs
Maximum secacht modulus(2%)	250 MPa	-
Volume resistivity	Min. 10 ¹⁴ Ω-cm	-
Heat shock	No crack	250°C/4 hrs

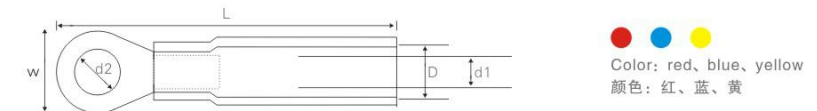
产品规格-HSRT Product Dimensions

Part. No 产品料号	Wire Range 电线		Stud Size 螺栓规格(mm)			Width 宽度(mm)	Length 长度(mm)	Insulator 材质	Color 颜色	Package 包装
	A.W.G	mm ²	Size	d2	D	W	L			Pcs/bag
221032R	22-16	0.5-1.5	#4	3.2	4.7	5.5	28.5	PE	Red	1000
221037R	22-16	0.5-1.5	#6	3.7	4.7	6.6	31.5	PE	Red	1000
221043R	22-16	0.5-1.5	#8	4.3	4.7	8.0	33.5	PE	Red	1000
221153R	22-16	0.5-1.5	#10	5.3	4.7	8.0	33.5	PE	Red	1000
221064R	22-16	0.5-1.5	#1/4	6.4	4.7	11.6	39.5	PE	Red	1000
221084R	22-16	0.5-1.5	#5/16	8.4	4.7	12.0	39.5	PE	Red	1000
221010R	22-16	0.5-1.5	#3/8	10.0	4.7	14.5	43	PE	Red	1000
222037R	16-14	1.5-2.5	#6	3.7	5.7	6.6	28.5	PE	Blue	1000
222043R	16-14	1.5-2.5	#8	4.3	5.7	8.0	31.5	PE	Blue	1000
222053R	16-14	1.5-2.5	#10	5.3	5.7	9.5	33.5	PE	Blue	1000
222064R	16-14	1.5-2.5	#1/4	6.4	5.7	11.6	39.5	PE	Blue	1000
222084R	16-14	1.5-2.5	#5/16	8.4	5.7	12.0	39.5	PE	Blue	1000
222010R	16-14	1.5-2.5	#3/8	10.0	5.7	14.5	43	PE	Blue	1000
223043R	12-10	4.0-6.0	#8	4.3	6.7	8.0	35	PE	Yellow	500
223053R	12-10	4.0-6.0	#10	5.3	6.7	9.5	35	PE	Yellow	500
223064R	12-10	4.0-6.0	#1/4	6.4	6.7	11.6	43	PE	Yellow	500
223084R	12-10	4.0-6.0	#5/16	8.4	6.7	12.0	43	PE	Yellow	500
223010R	12-10	4.0-6.0	#3/8	10.0	6.7	14.5	43	PE	Yellow	500



产品规格-HSYT Product Dimensions

Part. No 产品料号	Wire Range 电线		Stud Size 螺栓规格(mm)			Width 宽度(mm)	Length 长度(mm)	Insulator 材质	Color 颜色	Package 包装
	A.W.G	mm ²	Size	d2	D	W	L			Pcs/bag
231032Y	22-16	0.5-1.5	#4	3.2	4.7	5.7	33	PE	Red	1000
231037Y	22-16	0.5-1.5	#6	3.7	4.7	6.4	33	PE	Red	1000
231043Y	22-16	0.5-1.5	#8	4.3	4.7	6.4	33	PE	Red	1000
231053Y	22-16	0.5-1.5	#10	5.3	4.7	9.5	33	PE	Red	1000
231064Y	22-16	0.5-1.5	#1/4	6.4	4.7	11	35	PE	Red	1000
232032Y	16-14	1.5-2.5	#4	3.2	5.7	5.7	33	PE	Blue	1000
232037Y	16-14	1.5-2.5	#6	3.7	5.7	6.4	33	PE	Blue	1000
232043Y	16-14	1.5-2.5	#8	4.3	5.7	6.4	33	PE	Blue	1000
232053Y	16-14	1.5-2.5	#10	5.3	5.7	9.5	33	PE	Blue	1000
232064Y	16-14	1.5-2.5	#1/4	6.4	5.7	11	35	PE	Blue	1000
233037Y	12-10	4-6	#6	3.7	6.7	6.4	35	PE	Yellow	500
233043Y	12-10	4-6	#8	4.3	6.7	6.4	35	PE	Yellow	500
233053Y	12-10	4-6	#10	5.3	6.7	9.5	35	PE	Yellow	500
233064Y	12-10	4-6	#1/4	6.4	6.7	11	39	PE	Yellow	500



应用 Applications

HSFT HSMT是由聚烯烃生而成的热收缩套管涂胶而成，用于保护连接、防水防腐蚀，可以在粗糙的环境中加强固定和防震动，具有很好的绝缘保护电子连接器的功能。与常规的连接器相比，具有耐久性、易于安装、安装成本低的优势。

HSFT HSMT protects splices from water and corrosion. Providing strain relief and against vibration in rugged environments, which excellently insulates and protects electronic connections. It offers long-term performance, easy installation, and a low installed cost, which is more reliable than conventional crimp terminals.

特性 Characteristics

- 收缩率3:1
- 材料优异的延伸性能，抗机械损害
- 透明度佳，提高更好的抗拉力
- 高弹性性能，管材不易变形
- Shrinkage ratio 3:1
- Excellent stretch and mechanical damage resistance
- Ideally transparency provides tensile strength
- High elasticity keeps steady performance



操作温度范围 Operating temperature range

- 操作温度: -55℃ ~ 125℃
- 开始收缩温度: 80℃
- 最低完全收缩温度: 130℃
- Operating temperature: -55℃ ~ 125℃
- Minimum shrink temperature: 80℃
- Minimum fully recovery temperature: 130℃

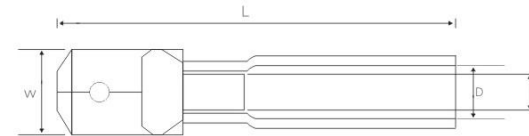


性能参数 Technical Indicators

Test Item	Characteristics	Test condition
Unaged	Tensile strength	Min. 16MPa
	Elongation	Min. 200%
Aged	Tensile strength	Min. 11.5MPa
	Elongation	Min. 100%
Voltage withstand and breakdown Voltage(Unaged)	Withstand 2.5 KV for 1minute and breakdown	Room temp.
Voltage withstand and breakdown Voltage(Aged)	Withstand 2.5 KV for 1minute and breakdown at least half of unaged breakdown voltage	158℃/7 days
Copper corrosion	No corrosion of bare copper	158℃/7 days
Copper stability	No sign of degradation Min. Eongation 100%	158℃/7 days
Cold bend	No crack	-30℃/4 hrs
Maximum secaht modulus(2%)	250 MPa	-
Volume resistivity	Min. 10 ¹⁴ Ω-cm	-
Heat shock	No crack	250℃/4 hrs

产品规格-HSMT Product Dimensions

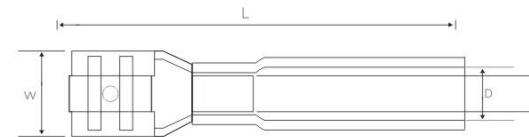
Part. No 产品料号	Wire Range 电线		Tab Size 插片规格(mm)			Width 宽度(mm)		Length 长度(mm)	Insulator 材质	Color 颜色	Package 包装
	A.W.G	mm ²	Size	C	D	W	L				
2510280M	22-16	0.5-1.5	2.8 x 0.5	1.7	4.7	2.8	33	PE	Red	1000	
2511280M	22-16	0.5-1.5	2.8 x 0.8	1.7	4.7	2.8	33	PE	Red	1000	
2510475M	22-16	0.5-1.5	4.8 x 0.5	1.7	4.7	4.8	33	PE	Red	1000	
2511475M	22-16	0.5-1.5	4.8 x 0.8	1.7	4.7	4.8	33	PE	Red	1000	
2510635M	22-16	0.5-1.5	6.4 x 0.8	1.7	4.7	6.4	33	PE	Red	1000	
2520475M	16-14	1.5-2.5	4.8 x 0.5	2.3	5.7	4.8	33	PE	Blue	1000	
2521475M	16-14	1.5-2.5	4.8 x 0.8	2.3	5.7	4.8	33	PE	Blue	1000	
2520635M	16-14	1.5-2.5	6.4 x 0.8	2.3	5.7	6.4	33	PE	Blue	1000	
2530475M	12-10	4-6	4.8 x 0.5	3.4	6.7	4.8	33	PE	Yellow	500	
2531475M	12-10	4-6	4.8 x 0.8	3.4	6.7	4.8	33	PE	Yellow	500	
2530635M	12-10	4-6	6.4 x 0.8	3.4	6.7	6.4	33	PE	Yellow	500	



Color: red, blue, yellow
颜色: 红、蓝、黄

产品规格-HSFT Product Dimensions

Part. No 产品料号	Wire Range 电线		Tab Size 插片规格(mm)			Width 宽度(mm)		Length 长度(mm)	Insulator 材质	Color 颜色	Package 包装
	A.W.G	mm ²	Size	C	D	W	L				
241032F	22-16	0.5-1.5	2.8 x 0.5	1.7	4.7	3.2	33	PE	Red	1000	
241132F	22-16	0.5-1.5	2.8 x 0.8	1.7	4.7	3.2	33	PE	Red	1000	
241050F	22-16	0.5-1.5	4.8 x 0.5	1.7	4.7	5.0	33	PE	Red	1000	
241150F	22-16	0.5-1.5	4.8 x 0.8	1.7	4.7	5.0	33	PE	Red	1000	
241066F	22-16	0.5-1.5	6.4 x 0.8	1.7	4.7	6.6	33	PE	Red	1000	
242032F	16-14	1.5-2.5	2.8 x 0.5	2.3	5.7	3.2	33	PE	Blue	1000	
242132F	16-14	1.5-2.5	2.8 x 0.8	2.3	5.7	3.2	33	PE	Blue	1000	
242050F	16-14	1.5-2.5	4.8 x 0.5	2.3	5.7	5.0	33	PE	Blue	1000	
242150F	16-14	1.5-2.5	4.8 x 0.8	2.3	5.7	5.0	33	PE	Blue	1000	
242066F	16-14	1.5-2.5	6.4 x 0.8	2.3	5.7	6.6	33	PE	Blue	1000	
242082F	16-14	1.5-2.5	8.2 x 0.8	2.3	5.7	8.2	33	PE	Blue	1000	
243050F	12-10	4-6	4.8 x 0.5	3.4	6.7	5.0	33	PE	Yellow	500	
243150F	12-10	4-6	4.8 x 0.8	3.4	6.7	5.0	33	PE	Yellow	500	
243066F	12-10	4-6	6.4 x 0.8	3.4	6.7	6.6	33	PE	Yellow	500	
243082F	12-10	4-6	8.2 x 0.8	3.4	6.7	8.2	33	PE	Yellow	500	



Color: red, blue, yellow
颜色: 红、蓝、黄





焊锡环热缩中接管
Solder Sleeve Wire Splices



ELECTRICAL INTERCONNECT HEAT SHRINKABLE TUBING

SST Solder Sleeve Wire Splices
防水焊锡环热缩中接管



应用 Applications

专为导线连接、焊锡热缩保护、防水一次完成设计的产品。

One piece design, it consists of transparent heat shrinkable sleeve and fluxed solder.

Provides insulation, inspection, strain relief and waterproof. Makes insulation easy and lowers the installed cost. Color hot-melt glue on two ends of heat shrinkable tube, it's very convenience to use the exact wire dimension.

特性 Characteristics

- 收缩率2:1
- 含热熔胶具防水功能
- 热熔胶颜色标示适用尺寸
- 焊锡环设计容易施工
- Shrinkage ratio 2:1
- Waterproof for wiring splices
- Transparent sleeve provides precise inspection
- Easy control soldering process



操作温度范围 Operating temperature range

- 工作温度: -55°C ~ 125°C / -55°C ~ 150°C
- 开始收缩温度: 60°C / 125°C
- 焊锡开始熔解温度: 138°C
- 焊锡完全熔解温度: 160°C
- Operating temperature: -55°C ~ 125°C / -55°C ~ 150°C
- Minimum shrink temperature: 60°C / 125°C
- Starting temperature of solder melt: 138°C
- Temperature of fully solder melt: 160°C

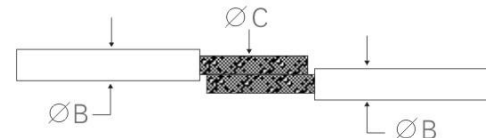
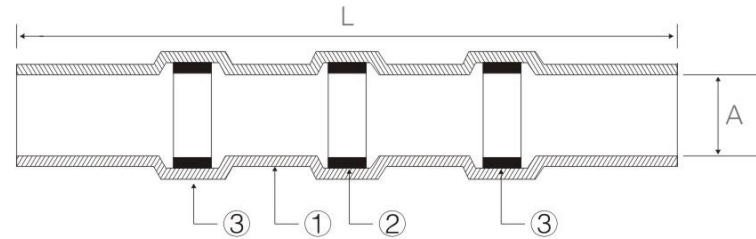


性能参数 Technical Indicators

Shrinking temperature	>115°C
Dielectric strength	1 kV
Protection type	IP 67

产品规格 Product Dimensions

Part Number	Product Dimensions(mm)		Wire Dimensions(mm)		Cable Size		Standard color
产品型号	A(min)	L(min)	B(min)	B and C(max)	C(min)	A.W.G(mm2)	标准颜色
Operating temperature : -55°C ~ 125°C							
SST-S11	1.7	26	1.0	1.7	0.76	26-24(0.25-0.34)	White
SST-S21	2.7	40	1.4	2.7	1.2	22-18(0.5-1.0)	Red
SST-S31	4.5	40	2.3	4.5	2.0	16-14(1.5-2.5)	Blue
SST-S41	6.0	40	3.7	6.0	3.4	12-10(4.0-6.0)	Yellow
SST-S51	11.5	40	5.8	11.5	5.5	10-6(6.0-14.0)	Blue
SST-S61	13.0	42	6.8	13.0	6.5	8-4(8.0-22.0)	Blue
Operating temperature : -55°C ~ 150°C							
SST150-11	1.9	30	0.9	1.9	0.76	26-24(0.25-0.34)	White
SST150-21	2.8	30	1.3	2.8	1.2	22-18(0.5-1.0)	Red
SST150-31	4.6	30	2.2	4.6	2.0	16-14(1.5-2.5)	Blue
SST150-41	7.1	30	3.2	7.1	3.4	12-10(4.0-6.0)	Yellow



○ ● ● ●
Color: white, red, blue, yellow
颜色: 白、红、蓝、黄

- ① 热收缩套管 ① Heat shrinkable tubing
- ② 低温焊锡环 ② Low temperature solder sleeve
- ③ 防水热熔胶 ③ Waterproof hot melt adhesive

