

HSCT Heat Shrink Wire Butt Splice Connector/ Electric Terminals

Description

HSCT Heat Shrink wire butt splice connector is made of polyolefin compounded with hot melt adhesive, it has excellent insulation protection, waterproof and anti-corrosion performance. The middle copper tube is high pure purple copper tube with superior conductivity.



HSCT Heat Shrink butt splice Wire connector, it has the advantage of good durability, easy operation and low installation cost compared with conventional connector.

Feature & benefit

- 1, Shrink ratio: 3:1
- 2, Color: Red, blue, yellow
- 3, PA hot melt adhesive has superior waterproof performance.
- 4, Extension performance is superior, resistance to mechanical damage.
- 5, Good electrical conductivity.
- 6, High elasticity, tube is not easy to deformation.

Operating indexes:

Initial temperature: 80 °C
Min. Shrink temp.: 130 °C
Working temperature: 55 °C ~ 125 °C

Up to standard: Approvals
According with UL224, ROHS

Technical Date

Product Property		Test method	Test Date
Before aging	Tensile strength	room temperature	≥15.9MPa
	Elongation		≥200%
After aging	Tensile strength	159°C/7 days	≥11.6MPa
	Elongation		≥100%
Voltage withstand and breakdown voltage (Before aging)		room temperature	2500V,60sec, No breakdown
Voltage withstand and breakdown voltage (After aging)		159°C/7 days	Withstand 2.5KV for 1minute and breakdown at least half of unaged breaddown voltage
Copper corrosion			pass
Copper stability			No sign of degradation Min.Elongation 100%
Cold bend test		-30°C/3 hrs	No crack
Maximum secant modulus(2%)		-	250MPa
Volume resistivity		-	≥1014Ω-cm
Heat shock test		250°C/4 hrs	No crack

Dimension

Part Number	Wire dimension		Heat shrink tube(mm)			Copper tube(mm)			COLOR	Packing
	A.W.G	mm2	ID	OD	L	OD	ID	L		Pcs/bag
HSCT-01	22-18	0.5-1.0	4.7	5.8	36.0	3.8	1.7	15	RED	1000
HSCT-02	16-14	1.5-2.5	5.7	6.9	36.0	4.8	2.4	15	BLUE	1000
HSCT-03	12-10	4.0-6.0	6.7	8.0	42.0	5.7	3.6	15	YELLOW	800

