

RSSC

Applications

Heat shrinkable solder sleeves with the thin ring and PE outer layer provide a permanent encapsulation, insulation and strain relief on motor tabs, connectors pins and switch terminals.

Features

Thermoplastic inner insert at each end of the terminator, sealing against water and moisture. Refluxed solder ring, offers controlled soldering process.

Various

Operating temperature: -55°C to + 125°C

RoHS compliant

REACH compliant

Fully contraction temperature: 130°C

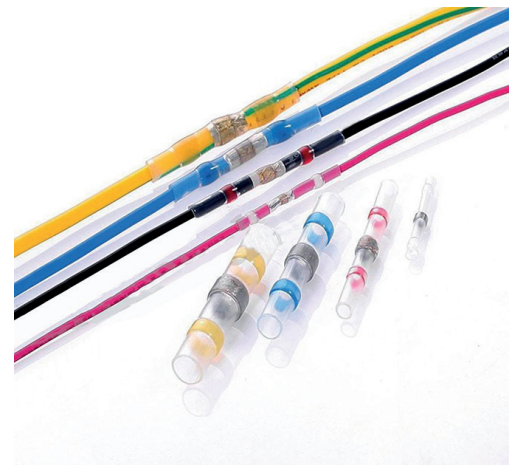
Solder began to melt temperature: 125°C

Solder completely melt temperature: 150°C

Standard colors:

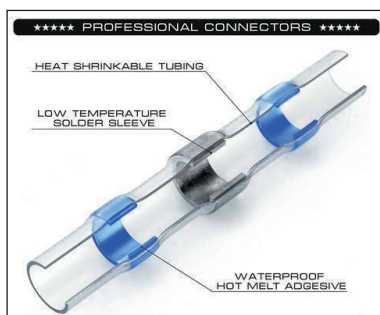
Transparent outer layer

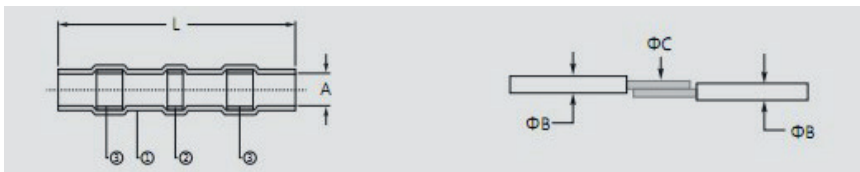
Inner thermoplastic insert White, Red, Blue, Yellow



Technical data

Property	Specification Requirement	Test Method	Typical Value
Tensile strength	exceeds strength of conductor	NAS1745	passed
Tensile strength after aging	exceeds strength of conductor	NAS1745	passed
Voltage Drop	<2.5MV	NAS1745	passed
Voltage Resistant	>600V	UL224	passed
Protection type	-	IEC 60529	IP67
Volume resistivity	>10 ¹⁵ Ω·m	ASTM D876	passed
Dielectric strength	>15.8kV/mm	ASTM D2671	>25kV/mm





Item 1: Heat shrinkable sleeve, transparent, radiation cross-linked modified polyolefin.

Item 2: Solder ring with flux.

Item 3: Meltable rings.

Dimensions

Product Code	Size Code Color Item 3	L (mm)	Qty Item 2	ΦA Min (mm)	Wire Dimensions (mm)			Cable Size
					ΦB Min	ΦB Max ΦC Max	ΦC Min	
RSSC-1	White	26	1	1.7	0.4	1.7	0.76	0.25-0.5mm ² (26-24 AWG)
RSSC-2	Red	40	1	2.7	1.3	2.7	1.2	0.5-1.5mm ² (22-18 AWG)
RSSC-3	Blue	40	1	4.5	1.8	4.5	2.0	1.5-2.5mm ² (16-14 AWG)
RSSC-4	Yellow	40	1	6.0	2.8	6.0	3.4	4-6mm ² (12-10 AWG)

Other sizes are available upon request.

Standard color: White, Red, Blue, Yellow. Other colors are available upon request.

