

# BH-BCS

## Heat shrinkable crimp splice connector

### Features/Applications

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

- Shrink ratio: 3:1
- Polyamide hot-melt adhesive provides excellent waterproof property;
- Excellent stretch and mechanical damage resistance;
- Ideally translucent provides tensile strength;
- High elasticity keeps steady performance.
- Operating temperature: -55°C~125°C
- Minimum shrink temperature: 110°C
- Standard color: Clear, Red, Yellow, Blue



### Technical Data

Property	Test Method	Typical Data
Tensile strength	ASTM D 2671	26MPa(min)
Elongation at break	ASTM D 2671	500%(min)
Longitudinal shrinkage	UL224	0 to -10%
Heat shock	250°C, 4hrs	No cracking, flowing of out wall
Heat resistance	165±5°C/168 hrs	No cracking, flowing of out wall
Cold bend -40°C, 1hr	ASTM D 2671	No cracking
Voltage withstand AC 2500V, 60seconds	ASTM D 2671	No breakdown
Volume resistance	ASTM D 876	10 <sup>14</sup> Ω .cm(min.)
Copper corrosion(158°C, 168hrs.)	UL224	Pass
Water absorption	ASTM D 570	<0.5%
Fluid resistance(23 °C/ 24 hrs)	ASTM D 2671	Good to excellent
Specific gravity		0.96
Dielectric strength	ASTM D 2671	32KV/mm

### Product Dimensions (mm)

Order ref. Number	Tubing ID	Brass ID	length (mm)	Wire		Package
				A.W.G.(MM2)	Standard color	
BH-BCS-1	4.7	1.7	35	22-18(0.5-1.0)	Red	100pcs/bag
BH-BCS-2	5.7	2.4	35	16-14(1.5-2.5)	Blue	100pcs/bag
BH-BCS-3	6.7	3.6	42	12-10(4.0-6.0)	Yellow	100pcs/bag