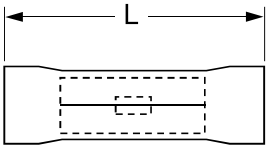
Highland™ Terminals



BSV10, BSV14, BSV18
Butt Connector, Vinyl Insulated, Butted Seam

Data Sheet

Product Number	Wire Range (AWG)	L	Thickness	Barrel Length	Barrel I.D.
BSV10	12-10	1.02	0.040	0.25	0.250
BSV14	16-14	1.00	0.030	0.25	0.170
BSV18	22-18	1.00	0.030	0.25	0.145

UNDERWRITERS
LABORATORIES
STANDARD NO. UL 486C
3M FILE NO. E23438

CANADIAN STANDARDS
ASSOCIATION
STANDARD NO. 22.2
NO. 0, 65
3M FILE NO. LR22190

Specifications

Wire Size:	See Table Above
Barrel Seam:	Butted
Insulator Max. Volt Rating:	600 V Building Wire: 1000 V Signs or Fixtures (Luminaires)
Maximum Operating Temp.:	221˚F (105˚C)
Maximum Current:	Same as Wire
Insulator Material:	Vinyl
Terminal Material:	ETP Copper
Terminal Plating:	Tin

Installation Information

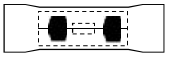
⚠WARNING

Turn power off before installing or removing terminal. All electrical work should be done according to appropriate electrical codes.

UL Listed and CSA Certified for use on stranded copper (AWG) wire only.

Strip away the end 3/8 inch of wire insulation.

Make the crimp in the proper station of a recommended 3M crimp tool: TH-440, TH-450 (scissor style) or TR-490 (ratchet style) hand tools.



● Barrel Crimp (Required)

Engineering Specification

Crimp-type terminals shall, electrically and mechanically, connect permanently to the pre-stripped end of two stranded copper wires.

The connector line shall offer barrel variations in wire (AWG) size (22-18, 16-14, 12-10) and construction (non-insulated brazed seam, vinyl insulated butted seam, nylon insulated seamless, etc...). The connector line shall have regulatory agency coverage (UL Listing, CSA Certification). The connectors shall be marked with the wire range and manufacturer's symbol (↑).

The vinyl insulated, butted seam butt connector shall be tin-plated, annealed copper, having a double-length, round barrel with a center stop and a close fitting vinyl tube covering, color coded and sized for a specified (AWG) wire range (22-18, 16-14, 12-10).

Insulated connectors shall be UL Listed and CSA Certified for 600 volts maximum, building wire: 1000 volts maximum, signs or fixtures and temperature rated 221˚F (105˚C) maximum.

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IMPORTANT NOTICE

Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use.

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