



Solderless Terminals

Catalog Numbering System

SOR-8BH

S= Solderless Terminals and Connectors

CLASSIFICATION:

- A= Butt-Connector
- B= Block Spade
- C= Closed End Connector
- D= Male Slip-on Quick Disconnect
- F= Flanged Block Spade
- G= Piggy Back
- H= Hooks
- J= 3 way Connectors
- K= 4 way Connectors
- L= Bullet Connector
- M= Double Male
- P= Pin Connector
- Q= Female Slip-on Quick Disconnect
- R= Ring Tongue
- S= Bullet Receptacle
- T= Self Stripping Quick Splice
- W= Wire Nuts
- Z= Female Flag Slip-on

INSULATION:

- I=Insulated
- O=Non-Insulated
- F= Fully-Insulated

Screw Size - Tab Size Snap Diam.

2=#2	110=.110
4=#4	135=.135
6=#6	187=.187
8=#8	150=.150
10=#10	157=.157
14= 1/4"	250=.250
516= 5/16"	400=.400
38= 3/8"	
075= .075"	
095= .095"	
106= .106	

Wire Range

- A= 26-22
- B= 22-18
- C= 16-14
- E= 8
- F= 6

Packaging

- H=Header
- H-C= 100 pack
- H-25= 25 pack
- H-25= 25 pack

Flanged Block Spade Vinyl

Insulated Butted Seam

Part No.	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness
SIF-4BH		4	.29	.19	.83	.68	.030
SIF-6BH	22-	6	.30	.25	.85	.70	.030
SIF-8BH	18	8	.30	.25	.85	.70	.030
SIF-10BH	(Red)	10	.30	.25	.85	.70	.030
SIF-4CH		4	.29	.19	.83	.68	.030
SIF-6CH	16-	6	.30	.25	.85	.70	.030
SIF-8CH	14	8	.30	.25	.85	.70	.030
SIF-10CH	(Blue)	10	.30	.25	.85	.70	.030
SIF-6DH	12-10	6	.32	.29	1.03	.84	.040
SIF-8DH	(Yellow)	8	.32	.29	1.03	.84	.040
SIF-10DH	12-10	10	.32	.29	1.03	.84	.040

Solderless Terminals

Flanged Block Spade

Non-Insulated Butted Seam

Part No.	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness
SOF-6BH		6	.030	.25	.65	.50	.030
SOF-8BH	22-	8	.030	.25	.65	.50	.030
SOF-10BH	18	10	.030	.25	.65	.50	.030
SOF-6CH		6	.030	.25	.65	.50	.030
SOF-8CH	16-	8	.030	.25	.65	.50	.030
SOF-10CH	14	10	.030	.25	.65	.50	.030

Ring Tongue

Non-Insulated Butted Seam

Part No.	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness
SOR-2AH		2	.14	.11	.32	.23	.020
SOR-4AH	26-	4	.20	.21	.46	.33	.020
SOR-8AH	22	8	.25	.26	.54	.39	.020
SOR-10AH		10	.25	.27	.54	.39	.020
SOR-6BH		6	.25	.23	.60	.48	.030
SOR-8BH	22-	8	.31	.33	.74	.58	.030
SOR-10BH	18	10	.31	.33	.74	.58	.030
SOR-6CH		6	.25	.23	.60	.48	.030
SOR-8CH	16-	8	.31	.33	.74	.58	.030
SOR-10CH		10	.33	.29	.70	.54	.030

Ring Tongue Vinyl

Insulated Butted Seam

Part No.	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness
SIR-4AH		4	.20	.21	.60	.49	.020
SIR-6AH	26-	6	.20	.21	.60	.49	.020
SIR-8AH	22	8	.25	.27	.68	.55	.020
SIR-4BH		4	.25	.23	.80	.68	.030
SIR-6BH		6	.25	.23	.80	.68	.030
SIR-8BH	22	8	.31	.33	.94	.78	.030
SIR-10BH	18	10	.31	.33	.94	.78	.030
SIR-14BH	RED	1/4"	.47	.40	1.09	.85	.030
SIR-516BH		5/16"	.47	.40	1.09	.85	.030
SIR-38BH		3/8"	.57	.40	1.14	.85	.030
SIR-4CH		4	.25	.23	.80	.68	.030
SIR-6CH		6	.25	.23	.80	.68	.030
SIR-8CH	16	8	.31	.33	.94	.78	.030
SIR-10CH	14	10	.33	.29	.90	.74	.030
SIR-14CH	BLUE	1/4"	.47	.40	1.09	.85	.030
SIR-516CH		5/16"	.47	.40	1.09	.85	.030
SIR-38CH		3/8"	.57	.40	1.14	.85	.030
SIR-6DH		6	.38	.29	1.03	.84	.040
SIR-8DH	12-	8	.38	.29	1.03	.84	.040
SIR-10DH	10	10	.38	.29	1.03	.84	.040
SIR-14DH	YELLOW	1/4"	.54	.44	1.26	.99	.040
SIR-516DH		5/16"	.54	.44	1.26	.99	.040
SIR-38DH		3/8"	.54	.44	1.26	.99	.040

Butt Connector Vinyl Insulated Butted Seam

Part No.	Wire Range	L	Thickness	Barrel		Max. Insul. Dia
	(AWG)			Length	ID	
SFA-075BH	22-18 RED	1.00	.030	.25	.075	.145
SFA-095CH	16-14 BLU	1.00	.030	.25	.095	.175
SFA-135DH	12-10 YEL	1.02	.040	.25	.135	.255

Butt Connector Non-Insulated Seamless

Part No.	Wire Range (AWG)	L	Thickness	Length	ID
SOA-075BH	22-18	.63	.032	.28	.075
SOA-095CH	16-14	.66	.030	.30	.095
SOA-135DH	12-10	.81	.040	.38	.135

Block Spade Vinyl Insulated Butted Seam

Part No.	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness
SIB-4BH		4	.25	.25	.85	.70	.030
SIB-6BH	22-	6	.30	.25	.85	.70	.030
SIB-8BH	18	8	.30	.25	.85	.70	.030
SIB-10BH	RED	10	.30	.25	.85	.70	.030
SIB-14BH		1/4"	.47	.43	1.03	.70	.030
SIB-4CH		4	.25	.25	.85	.70	.030
SIB-6CH	16	6	.30	.25	.85	.70	.030
SIB-8CH	14	8	.30	.25	.85	.70	.030
SIB-10CH	BLUE	10	.30	.25	.85	.70	.030
SIB-14CH		1/4"	.47	.43	1.03	.70	.030
SIB-6DH		6	.32	.29	1.03	.84	.040
SIB-8DH	12-	8	.32	.29	1.03	.84	.040
SIB-10DH	10	10	.32	.29	1.03	.84	.040
SIB-14DH	YELLOW	1/4"	.53	.48	1.28	.84	.040
SIB-516DH		5/16"	.53	.48	1.28	.84	.040

Block Spade Non-Insulated Butted Seam

Part No.	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness
SOB-6BH		6	.30	.25	.65	.50	.030
SOB-8BH	22-	8	.30	.25	.65	.50	.030
SOB-10BH	18	10	.30	.25	.65	.50	.030
SOB-6CH		6	.30	.25	.65	.50	.030
SOB-8CH	16-	8	.30	.25	.65	.50	.030
SOB-10CH	14	10	.30	.25	.65	.50	.030

Hooks Vinyl

Insulated Butted Seam

Part No.	Wire Range (AWG)	Stud Size	W	L
SIH-6BH	22-18	6	.25	.80
SIH-8BH	22-18	8	.31	.94
SIH-10BH	22-18	10	.31	.94
SIH-8CH	16-14	8	.31	.94
SIH-10CH	16-14	10	.33	.90
SIH-10DH	12-10	10	.38	1.03

Male Slip-ons (Quick Disconnects)

Fully Insulated Butted Seam

Part No.	Wire Range (AWG)	W	Thickness	L	Barrel Length	Barrel ID	Max Insul. Dia
SFD-250BH	22-18 RED	.250	.032	.95	.25	.071	.145
SFD-250CH	16-14 BLUE	.250	.032	.95	.25	.091	.175
SFD-250DH	12-10 YEL	.250	.032	1.05	.25	.150	.255

Vinyl Insulated Butted Seam

Part No.	Wire Range (AWG)	W	Thickness	L	Barrel Length	Barrel ID	Max Insul. Dia
SID-110BH	22-18	.110	.020	.80	.19	.075	.145
SID-187BH	22-	.187	.020	.79	.25	.080	.145
SID-250BH	18(RED)	.250	.032	.93	.25	.071	.145
SID-110CH	16-14	.110	.020	.80	.19	.075	.145
SID-187CH	16	.187	.020	.79	.25	.080	.145
SID-250CH	14 BLUE	.250	.032	.93	.25	.091	.175
SID-250DH	12-10 YEL	.250	.032	1.05	.25	.140	.255

Non-Insulated Butted Seam

Part No.	Wire Range (AWG)	W	Thickness	L	Barrel Length	Barrel ID
SOD-187BH	22-	.187	.020	.59	.25	.080
SOD-250BH	18	.250	.032	.73	.25	.071
SOD-187BH	16-	.187	.020	.59	.25	.080
SOD-187BH	14	.250	.032	.73	.25	.091
SOD-187BH	12-10	.250	.032	.75	.25	.150

Female Slip-ons (Quick Disconnects)

Non-Insulated Butted Seam

Part No.	Wire Range (AWG)	W	Thickness	L	Barrel Length	Barrel ID
SOQ-250BH	22-18	.250	.032	.66	.25	.080
SOQ-250CH	16-14	.250	.032	.66	.25	.080
SOQ-250DH	22-18	.250	.032	.86	.25	.080

Vinyl Insulated Butted Seam

Part No.	Wire Range (AWG)	W	Thickness	L	Barrel		Max Insul. Dia
					Length	ID	
SIQ-110BH	22-	.110	.016	.80	.19	.075	.145
SIQ-187BH	18	.187	.020	.80	.25	.080	.145
SIQ-250BH	RED	.250	.032	.86	.25	.080	.145
SIQ-110CH	16-	.110	.016	.80	.19	.075	.145
SIQ-187CH	14	.187	.020	.80	.25	.080	.145
SIQ-250CH	BLUE	.250	.032	.86	.25	.080	.145
SIQ-250DH	12-10 YEL	.250	.032	.96	.25	.140	.255

Fully Insulated Butted Seam

Part No.	Wire Range (AWG)	W	Thickness	L	Barrel		Max Insul. Dia
					Length	ID	
SFQ-110BH	22-	.110	.016	.69	.12	.035	.093
SFQ-187BH	18	.187	.020	.81	.25	.080	.145
SFQ-110BH	RED	.250	.032	.89	.25	.080	.145
SFQ-110BH	14-16	.187	.020	.81	.25	.080	.145
SFQ-110BH	BLUE	.250	.032	.89	.25	.080	.145
SFQ-110BH	12-10 YEL	.250	.032	.99	.25	.140	.255

Flag Non-Insulated Butted Seam

Part No.	Wire Range (AWG)	W	Thickness	L	Barrel	
					Length	ID
SOZ-250BH	22-18	.250	.032	.50	.25	.075
SOZ-250CH	16-14	.250	.032	.51	.25	.095
SOZ-250DH	12-10	.250	.032	.61	.25	.175

Flag Insulated Butted Seam

Part No.	Wire Range (AWG)	W	Thickness	L	Barrel		Max Insul. Dia
					Length	ID	
SIZ-250CH	16-14	.250	.042	.51	.25	.095	.145

Bullet Plugs (Male)
Insulated Butted Seam Vinyl

Part No.	Wire Range (AWG)	W	Thickness	L
SIL-157CH	16-14	.157	.018	.91
SIL-187CH	16-14	.187	.018	.96

Bullet Receptacles (Female)
Fully Insulated

Part No.	Wire Range (AWG)	Male Plug Dia.	Thickness	L	W
SFS-157CH	16-14	.157	.016	.90	.18
SFS-187CH	16-14	.187	.016	.94	.21
SFL-157H	Double Bull. Rec.157		.030	2.12	

Self-Stripping

Quick Splice

Part No.	Wire Range (AWG)	Color
SFT-1814H	18-14	BLUE
SFT-1210H	12-10	YEL.
SFT-1814BH	18-14	BLACK
SFT-1814CH	18-14	TAN
SFT-2218H	22-18	RED
SFT-2218BH	22-18	RED
SFT-1614H	16-14	BLUE

Double Male

Quick Slide Insulated Vinyl

Part No.	W	Thickness	L
SFM-250H	.250	.030	2.12

Multi Stack Disconnect

Insulated Butted Seam Vinyl

Part No.	Wire Range (AWG)	W	Thickness	L	Barrel		Max Insul. Dia
					Length	ID	
SIG-250BH	22-18 RED	.250	.030	.85	.25	.075	.145
SIG-250CH	16-14 BLUE	.250	.030	.85	.25	.095	.175

Wire Pins

Part No.	Wire Range (AWG)	X	L	Thickness
SIP-075BH	22-18	.41	.98	.032
SIP-075CH	16-14	.41	.98	.032
SIP-106DH	22-18	.41	.98	.032

Wire Nuts

Part No.	Wire Range (AWG)
SIW-BH	22-18
SIW-CH	20-16
SIW-DH	22-14
SIW-CCH	14-10
SIW-DDH	22-18

Wing Wire Nuts

Part No.	Wire Range (AWG)
SIW-1812H	18-12
SIW-1412H	14-12
SIW-1210H	12-10
SIW-1206H	12-6

Closed End Connector

Part No.	Wire Range (AWG)	Wire					L
		A	B	C	D		
SFC-075BH	22-14	.10	.28	.19	.32	.67	
SFC-150CH	12-10	.16	.40	.27	.32	.79	
SFC-400DH	18-10	.22	.49	.38	.44	1.06	

4 Way Connectors

Vinyl Insulated

Part No.	Wire Range (AWG)	Stud Size	Wire					Thickness
			W	C	L	E		
SIK-BH	22-18	10	.31	.33	.94	.78	.030	
SIK-CH	16-14	10	.33	.29	.90	.74	.030	
SIK-DH	12-10	10	.38	.29	1.03	.84	.040	

Assorted Insulated

Terminals & Connectors

Part# SI-AH	8 pcs.
Part# SI-2AH	6 pcs.

Assorted Non-Insulated

Terminals & Connectors

Part# SI-AH	8 pcs.
Part# SI-2AH	6 pcs.

Crimpers

Part# CRT-1H

Crimper:

•A compact, high quality tool designed to handle the six most common electrical wiring functions. Made of .125" heat-treated carbon steel for maximum durability. It handles a variety of terminal and connector styles, insulated and non-insulated, over a range of 22-10 AWG.

Features:

- 1) Anvil-type wire cutter
- 2) Crimp dies for # 22-10AWG insulated terminals, connectors and closed end connectors
- 3) Cut-off dies for mild steel and non-ferrous screws.
- 4) Crimp dies for #22-10AWG non-insulated terminals and connectors.
- 5) Wire stripping stations
- 6) Crimp die for 7 and 8 ignition parts
- 7) Cushioned, vinyl grips

Part# CRT-2

Crimper/Wire Stripper:

- Automatically strips wires AWG 10-26.
- Crimps open barrel terminals.
- Cushion grips makes crimping easy.
- Cuts wires
- Crimps insulated, non-insulated and auto ignition terminals

Solderless Terminal Kits

SRK-1: Butt & Bullet connectors, Wire Nuts, Bullet receptacles, Closed End Connectors

SRK-2: Block Spade, Ring Tongues, Butt Connectors

SRK-3: Male Disconnects, Female Disconnects, Flag Connectors, Butt Connectors

12 Different types in each kit. Each kit has 20 of each part#. 240 Assorted terminals per kit.

Heatshrink Butt Connector

- Design to protect from corrosive environment such as: water, chemical, salt, spray, exhaust, fumes, and moisture.
- Dual-wall insulator consists of outer wall polyolefin and inner wall hot melt glue. This will make the connection complete.
- Hot melt adhesive insulator holds up under steam or vibration.

Part#	Wire Range	Color
SHT-075B	22-18	RED
SHT-095C	16-14	BLUE
SHT-075B	12-10	YELLOW

6 & 8 AWG Non-Insulated

Butt Connector

Part#	AWG	L	OD	ID
SOA-8EH	8	.885	.280	.202
SOA-6FH	6	1.08	.350	.250

Block Spade

Part#	AWG	Stud Size	L	W	C
SOB-14EH	8	1/4"	.950	.440	.260
SOA-14FH	6	1/4"	1.8	.440	.260

Ring Tongue

Part#	AWG	Stud Size	L	W	C	E
SOR-10EH	8	10	.825	.395	.208	.630
SOR-14EH	8	1/4"	.885	.440	.255	.660
SOR-516EH	8	5/16"	1.05	.554	.335	.770
SOR-38EH	8	3/8"	1.15	.585	.420	.885
SOR-14FH	6	1/4"	1.09	.470	.252	.840
SOR-516FH	6	5/16"	1.09	.510	.335	.814
SOR-38FH	6	3/8"	1.30	.710	.415	.940

Insulated

Butt Connector

Part#	AWG	L	OD	ID
SFA-8EH	8	.885	.280	.202
SFA -6FH	6	1.08	.350	.250

Block Spade

Part#	AWG	Stud Size	L	W	C
SIB-14EH	8	1/4"	.950	.440	.260
SIB-14FH	6	1/4"	1.08	.440	.260

Ring Tongue

Part#	AWG	Stud Size	L	W	C	E
SIR-10EH	8	10	.825	.395	.208	.630
SIR-14EH	8	1/4"	.885	.440	.255	.660
SIR-516EH	8	5/16"	1.05	.554	.335	.770
SIR-38EH	8	3/8"	1.15	.585	.420	.885
SIR-14FH	6	1/4"	1.09	.470	.252	.840
SIR-516FH	6	5/16"	1.09	.510	.335	.814
SIR-38FH	6	3/8"	1.30	.710	.415	.940