

## Standard Crimp Terminals

- Manufactured of pure electrolytic copper (brass for push-on terminals) properly tempered; when crimping, the copper in the terminal barrel flows into and around the wire strands.
- The unique flowing ability of the copper terminals results in a fused connection of maximum strength and conductivity.
- Serration inside the barrels of small terminals (22-10 ga) provide additional gripping power.
- Terminals are electro bright tin plated for maximum corrosion prevention.

**Insulation  
Color Code**










22-18 & 8 gauge



16-14 & 6 gauge



12-10 & 4 gauge

 <p>non-insulated</p>	 <p>high temperature</p>	 <p>vinyl-insulated butted seam barrel</p>
 <p>vinyl-insulated funnel entry</p>	 <p>nylon-insulated reinforced w/brass sleeve</p>	 <p>clear nylon-insulated brazed barrel</p>
 <p>shrink tube performance terminals</p>	<p><b>! SPECIAL NOTE !</b></p> <p>Non-insulated terminals are the most economical, and are used where special performance or insulation characteristics are not necessary. Insulated terminals are used where an insulated barrel is necessary and/or desirable. Industry standard color coding of insulation indicates proper wire gauge.</p>	



**Strip Length:** 1/4"

**Insulation Temperature:** 105°C (221°F)

**Voltage:** 600V maximum, building wire; 1000V maximum, signs and fixtures.

**Tools:** Follow mfg. crimping instructions (one crimp only).

**Caution:** Appropriate electrical codes must be followed in all electrical work.

Power must be off prior to installation and removal of wire connectors.

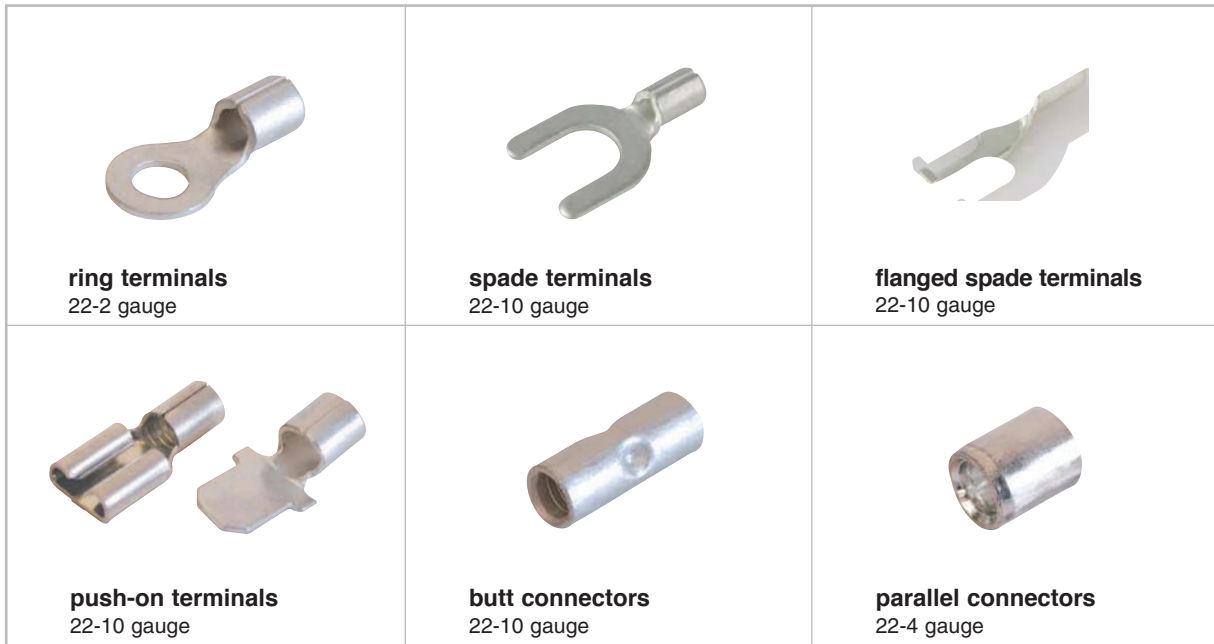
**Notice:** Sellers and manufacturers only obligation shall be to replace such quantity of the product proved to be defective. Neither seller or manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the use of or the inability to use the product.

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## Non-insulated Terminals

- These non-insulated terminal series is the most economical terminal available.
- Use these terminals when special performance or installation characteristics are not needed.
- Rated to 600 volts maximum, building wire; 1000 volts maximum, signs and fixtures.
- Temperature rating: 105°C (221°F).



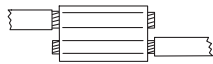
**INFO** BUTTED SEAM (type 1) one piece design with the barrel rolled and the edges butted together **OR** BRAZED SEAM (type 2) brazed seam will not open during crimp application



**TIN PLATING** tin-plated copper offers added resistance to corrosion

Using a flanged spade or locking spade terminal can help reduce incidental disconnect.

**INFO** PROPER WIRE INSERTION FOR PARALLEL CONNECTORS:



Each connector holds two wires.

Gauge	Ring Terminals min. 100 pcs. (22-10 ga)*								Stock
	Stud Size								
	4	6	8	10	1/4"	5/16"	3/8"	1/2"	
22-18	A320-04	A320-06	A321-08	A321-10	A321-14	A321-56	—	—	.030
16-14	B323-04	B323-06	B337-08	B339-10	B325-14	B325-56	B318-38	—	.030
12-10	—	C336-06	C336-08	C328-10	C330-14	C330-56	C340-38	C301-12	.040
8*	—	—	D350-08	D350-10	D350-14	D351-56	D351-38	D352-12	.050
6*	—	—	—	E360-10	E360-14	E360-56	E357-38	E358-12	.050
4*	—	—	—	—	F366-14	F366-56	F366-38	F366-12	.050
2*	—	—	—	—	G375-14	G375-56	G375-38	G375-12	.050

\* 8 ga min. 50 pcs., 6-2 ga min. 25 pcs.

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## DIMENSION CHART

Stud Size	Hole Dia.	Stud Dia.	Stud Size	Hole Dia.	Stud Dia.	Stud Size	Hole Dia.	Stud Dia.	Stud Size	Hole Dia.	Stud Dia.
4	.120	.112	8	.173	.164	¼"	.266	.250	⅜"	.391	.375
6	.146	.138	10	.198	.190	⅝"	.328	.312	½"	.516	.500

### STUD SIZE



	Spade Terminals min. 100 pcs.									
	Gauge	Stud Size								Stock
		4	6	8	10	¼"	⅝"	⅜"	½"	
	22-18	—	A335-06	A335-08	A335-10	—	—	—	—	.030
	16-14	—	B327-06	B327-08	B327-10	—	—	—	—	.030
	12-10	—	—	C341-08	C341-10	—	—	—	—	.040

	Flanged Spade Terminals min. 100 pcs.									
	Gauge	Stud Size								Stock
		4	6	8	10	¼"	⅝"	⅜"	½"	
	22-18	—	A315-06	A315-08	A315-10	—	—	—	—	.030
	16-14	—	B316-06	B316-08	B316-10	—	—	—	—	.030
	12-10	—	—	—	—	—	—	—	—	.040

	Parallel Connectors min. 25 pcs.											
	Wire Range											
	1#22 to 1#22, 20, 18, 16		1#22 to 1#14		1#18 to 1#12, 10		1#18 to 1#8		1#14 to 1#6		1#12 to 1#4	
	1#20 to 1#20, 18, 16		1#18 to 1#16, 14		1#14 to 1#14, 12, 10		1#14 to 1#8		1#10 to 1#10, 8, 6		1#8 to 1#6	
	1#18 to 1#18		1#16 to 1#16		1#12 to 1#12		1#12 to 1#10		1#8 to 1#8			
	<b>Part No.</b>	<b>Stock</b>	<b>Part No.</b>	<b>Stock</b>	<b>Part No.</b>	<b>Stock</b>	<b>Part No.</b>	<b>Stock</b>	<b>Part No.</b>	<b>Stock</b>	<b>Part No.</b>	<b>Stock</b>
	AS302	.030	BS304	.030	CS303	.040	—	.050	—	.050	—	.075



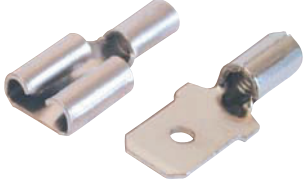


	Push-on Terminals min. 100 pcs.		
	Gauge	Inside Width	
		0.187" (stock .020)	0.250" (stock .032)
female 	22-18	AA1187	AA1140
	16-14	BB1138	BB1141
	12-10	—	C1143
flag 	22-18	—	—
	16-14	BB1171-032	BB1159
	12-10	—	—
male 	22-18	AMCT-17	AMCT-1
	16-14	BMCT-17	MCT-1
	12-10	—	CMCT-1

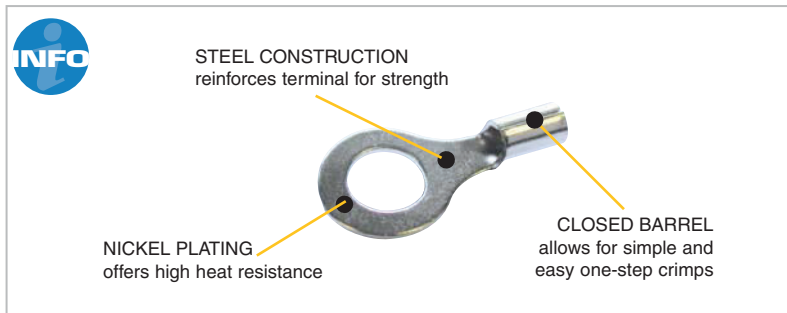
	Butt Connectors min. 100 pcs.			
	Gauge	Brazed Barrel	Solid Barrel	Stock
		22-18	AS-345	—
	16-14	BS-331	—	.030
	12-10	CS-346	—	.040



## High Temperature Terminals

- This series is ideal for use in high temperature applications like motors, ovens or other applications where terminals can melt.
- Constructed of steel plated nickel.
- Rated for continuous operating temperature of 482°C (900°F), intermittent rating of 649°C (1200°F).

 <p><b>ring terminals</b> 22-10 gauge</p>	 <p><b>spade terminals</b> 22-10 gauge</p>	 <p><b>push-on terminals</b> 16-14 gauge</p>
 <p><b>butt connectors</b> 22-10 gauge</p>	 <p>A flag (right angle) is used when there is a space constraint, and a standard straight push-on is too large. They are available in insulated and non-insulated versions. See page 62 for insulated flag terminals.</p>	



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### DIMENSION CHART


Stud Size	Hole Dia.	Stud Dia.	Stud Size	Hole Dia.	Stud Dia.	Stud Size	Hole Dia.	Stud Dia.	Stud Size	Hole Dia.	Stud Dia.
4	.120	.112	8	.173	.164	¼"	.266	.250	⅝"	.391	.375
6	.146	.138	10	.198	.190	⅜"	.328	.312	½"	.516	.500

### STUD SIZE



	Ring Terminals min. 100 pcs.									
	Gauge	Stud Size								Stock
		4	6	8	10	¼"	⅝"	⅜"	½"	
22-18	—	AS120-06	—	AS133-10	AS122-14	—	—	—	—	.030
16-14	—	BS123-06	—	BS137-10	BS125-14	—	—	—	—	.030
12-10	—	CS128-06	—	CS128-10	CS130-14	—	CS140-38	—	—	.040

	Spade Terminals min. 100 pcs.									
	Gauge	Stud Size								Stock
		4	6	8	10	¼"	⅝"	⅜"	½"	
22-18	—	—	—	AS139-10	—	—	—	—	—	.030
16-14	—	—	—	BS127-10	—	—	—	—	—	.030
12-10	—	—	—	CS141-10	—	—	—	—	—	.040

	Butt Connectors min. 100 pcs.		
	Gauge	Butted Seam	Stock
		22-18	AS145
16-14	BS131	.030	
12-10	CS146	.040	





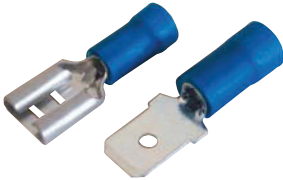






## Vinyl-insulated Butted Seam Barrel Terminals

- This series is the most economical insulated terminal available.
- The PVC insulation sleeve is securely fastened to the butted seam barrel.
- The insulation has a flared entry for easier wire insertion.
- Industry standard color-coding indicates wire range.
- Rated to 600 volts maximum, building wire; 1000 volts maximum, signs and fixtures.
- Temperature rating: 105°C (221°F).


**Insulation Color Code**

	22-18 & 8 gauge		16-14 & 6 gauge		12-10 & 4 gauge
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<b>ring terminals</b> 22-4 gauge	<b>spade terminals</b> 22-10 gauge	<b>flanged spade terminals</b> 22-10 gauge
		
<b>locking spade terminals</b> 22-10 gauge	<b>push-on terminals</b> 22-10 gauge	<b>bullet connectors</b> 22-14 gauge
		
<b>butt connectors</b> 22-4 gauge	<b>X and Y connectors</b> 16-14 gauge	



**BUTTED SEAM**  
one piece design with the barrel rolled and edges butted together



**TIN PLATING**  
offers added resistance to corrosion

**VINYL INSULATION**  
provides basic protection and stress relief at crimp point

Using a flanged spade or locking spade terminal can help reduce incidental disconnect.

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## DIMENSION CHART

Stud Size	Hole Dia.	Stud Dia.	Stud Size	Hole Dia.	Stud Dia.	Stud Size	Hole Dia.	Stud Dia.	Stud Size	Hole Dia.	Stud Dia.
4	.120	.112	8	.173	.164	¼"	.266	.250	⅜"	.391	.375
6	.146	.138	10	.198	.190	⅝"	.328	.312	½"	.516	.500

### STUD SIZE



	Ring Terminals min. 100 pcs. (22-10 ga)									
	Gauge	Stud Size								Stock
		4	6	8	10	¼"	⅝"	⅜"	½"	
	22-18	A220-04	A220-06	A221-08	A221-10	A222-14	A222-56	—	—	.030
	16-14	B223-04	B223-06	B237-08	B239-10	B225-14	B225-56	B218-38	—	.030
	12-10	—	C228-06	C228-08	C228-10	C228-14	C230-56	C240-38	C201-12	.040
	8*	—	—	—	D350-10	D350-14	D351-56	D351-38	D352-12	.050
	6*	—	—	—	E360-10	E360-14	E351-56	E357-38	E358-12	.060
	4*	—	—	—	—	F366-14	F366-56	F366-38	F366-12	.075

\* 8 ga min. 50 pcs., 6-4 ga min. 25 pcs.

	Spade Terminals min. 100 pcs.									
	Gauge	Stud Size								Stock
		4	6	8	10	¼"	⅝"	⅜"	½"	
	22-18	—	A235-06	A235-08	A235-10	—	—	—	—	.030
	16-14	—	B224-06	B227-08	B227-10	—	—	—	—	.030
	12-10	—	C241-06	C241-08	C241-10	—	—	—	—	.040

	Flanged Spade Terminals min. 100 pcs.									
	Gauge	Stud Size								Stock
		4	6	8	10	¼"	⅝"	⅜"	½"	
	22-18	—	A215-06	A215-08	A215-10	—	—	—	—	.030
	16-14	—	B216-06	B216-08	B216-10	—	—	—	—	.030
	12-10	—	403065	403085	403105	—	—	—	—	.040

	Locking Spade Terminals min. 100 pcs.									
	Gauge	Stud Size								Stock
		4	6	8	10	¼"	⅝"	⅜"	½"	
	22-18	—	AA2190-06	AA2191-08	AA2191-10	—	—	—	—	.030
	16-14	—	BB2193-06	BB2194-08	BB2195-10	—	—	—	—	.030
	12-10	—	CC2196-06	CC2197-08	CC2198-10	—	—	—	—	.040

	Push-on Terminals min. 100 pcs.				
	Gauge	Inside Width Standard			Stock
		0.110" (stock 0.20)	0.187" (stock .020)	0.250" (stock .032)	
	22-18	AA2131	AA2137	AA2140	
	16-14	BB2132	BB2138	BB2141	
	12-10	—	—	C2143	
	22-18	431185	AMCT27	AMCT2	
	16-14	432115	MCT57	MCT2	
	12-10	—	—	CMCT2	
		Inside Width Fully Insulated			
	22-18	—	AA5266	AA2261	
	16-14	—	BB5268	BB2263	
	12-10	—	—	C2265	

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## Vinyl-insulated Butted Seam Barrel Terminals

continued

Insulation  
Color Code




22-18 & 8 gauge




16-14 & 6 gauge




12-10 & 4 gauge

 piggy-back		Push-on Terminals min. 100 pcs.		
		Inside Width Standard		
		Gauge	0.110" (stock 0.20)	0.187" (stock .020)
22-18	—	—	AA2301	
16-14	—	—	BB2302	
12-10	—	—	C2303	


 male female female		Bullet Connectors min. 100 pcs.		
		Inside Width		
		Gauge	0.156" (stock .020)	0.180" (stock .030)
22-18	M	A269	A259	
16-14	M	B289	B279	
22-18	F	BRA2156	—	
16-14	F	BRB2156	BRB2180	
3-way std.*	F	449005	—	

\* 3-way std. min. 10 pcs.

M = male, F = female

		Butt Connectors min. 100 pcs.	
		Gauge	Butted Seam
22-18	A245	.030	
16-14	B231	.030	
12-10	C246	.040	
8*	D654	.050	
6*	E662	.050	
4*	F664	.075	

\* 8, 6, 4 ga min. 25 pcs.

				
X and Y Connectors min. 25 pcs.				
Gauge	X style	Y style	Stud Size	Stock
16-14	B2X	B2Y	8	.030

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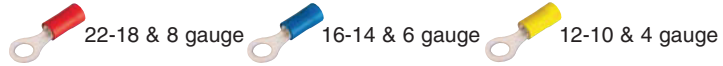




## Vinyl-insulated Funnel Entry Terminals

- The PVC insulation sleeve is securely fastened to the barrel.
- The funnel entry is formed into the inside of the insulation to allow for easier wire insertion.
- Industry standard color-coding indicates wire range.
- Rated to 600 volts maximum, building wire; 1000 volts maximum, signs and fixtures.
- Temperature rating: 105°C (221°F).

**Insulation  
Color Code**

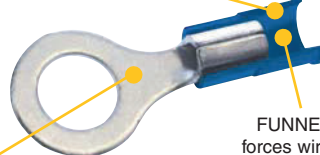


 <p><b>ring terminals</b> 22-10 gauge</p>	 <p><b>spade terminals</b> 22-10 gauge</p>	 <p><b>narrow block spade terminals</b> 22-10 gauge</p>
 <p><b>push-on terminals</b> 22-10 gauge</p>	 <p><b>bullet connectors</b> 16-14 gauge</p>	 <p><b>butt connectors</b> 22-10 gauge</p>
 <p><b>pin terminals</b> 22-10 gauge</p>	<p><b>INFO</b></p> <p>Using a ratchet tool provides a uniform and secure crimp. It can also help alleviate hand stress.</p>	



VINYL INSULATION provides basic protection and stress relief at crimp point

TIN PLATING offers added resistance to corrosion



FUNNEL ENTRY forces wire strands into the barrel

Using a flanged spade or locking spade terminal can help reduce incidental disconnect.



## Vinyl-insulated Funnel Entry Terminals

continued

Insulation  
Color Code




22-18 & 8 gauge





16-14 & 6 gauge





12-10 & 4 gauge

	Ring Terminals min. 100 pcs.									
	Gauge	Stud Size								Stock
		4	6	8	10	1/4"	5/16"	3/8"	1/2"	
22-18	A220-04	A220-06	A221-08	A221-10	A222-14	A222-56	—	—	—	.030
16-14	B223-04	B223-06	B231-08	B239-10	B225-14	B225-56	—	—	—	.030
12-10	—	—	C230-08	C228-10	C230-14	C230-56	C240-38	C201-12	—	.040

	Spade Terminals min. 100 pcs.									
	Gauge	Stud Size								Stock
		4	6	8	10	1/4"	5/16"	3/8"	1/2"	
22-18	—	A238-06	A234-08	A234-10	—	—	—	—	—	.030
16-14	—	B224-06	—	B227-10	—	—	—	—	—	.030
12-10	—	—	—	C241-10	—	—	—	—	—	.040

	Push-on Terminals min. 100 pcs.	
	Gauge	Inside Width Standard
		0.187" (stock .020)
female	22-18	AA2140
female	16-14	BB2141
female	12-10	C2143
male	22-18	AMCT2
male	16-14	MCT2
male	12-10	CMCT2

	Male Bullet Connector min. 100 pcs.		
	Gauge	Diameter	
		.156" (stock .020)	.180" (stock .030)
16-14	B279	B289	

	Butt Connectors min. 100 pcs.		
	Gauge	Diameter	
		Butted Seam	Stock
22-18	ASN345	.030	
16-14	BSN331	.030	
12-10	CSN346	.040	

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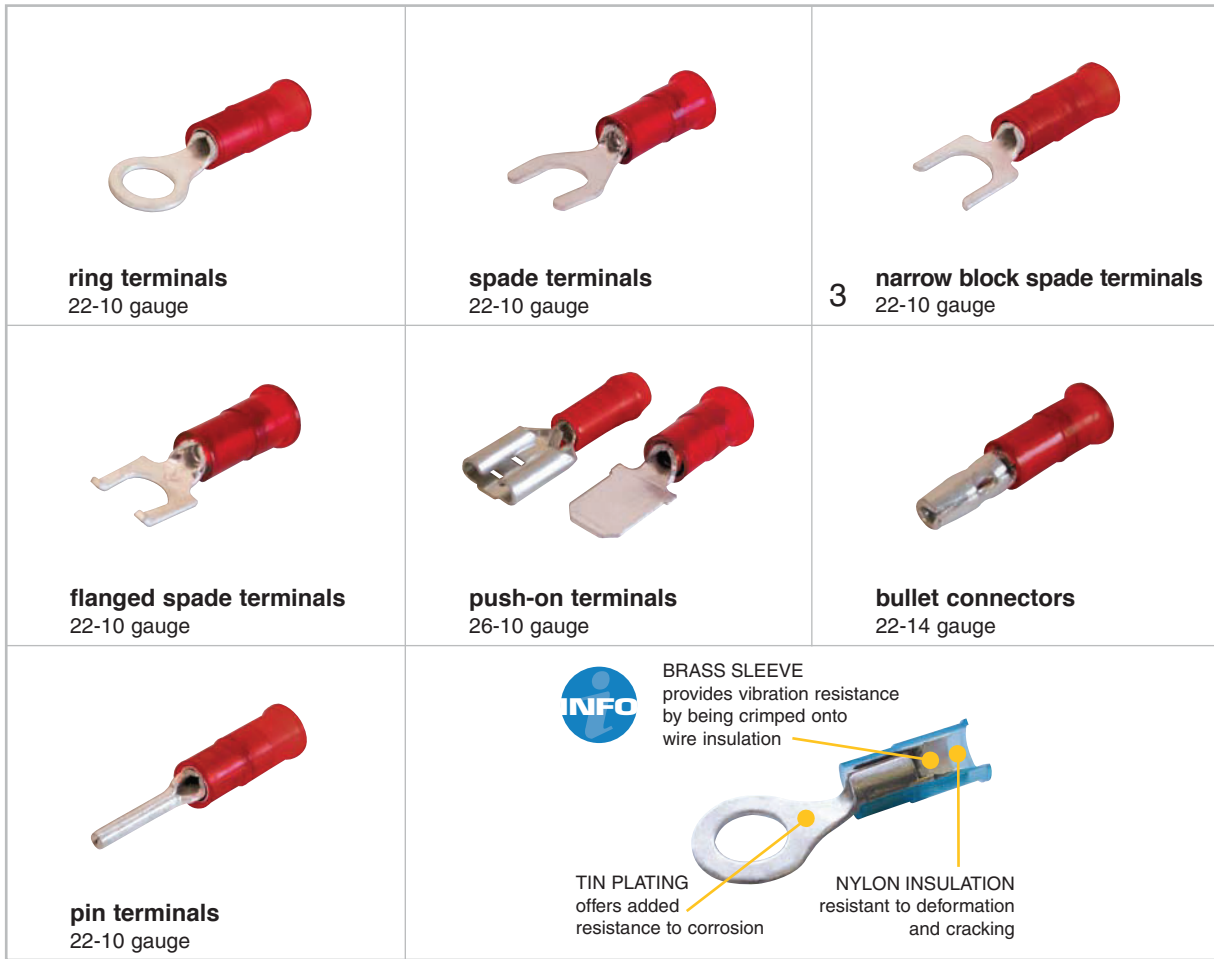


## Nylon-insulated, Brass Sleeve Terminals

- This double crimp series utilizes securely molded nylon insulation onto a brass sleeve for wire strain relief and is flared for easy wire insertion.
- Use this series where resistance to accidental pull-out and high vibration is necessary or desired.
- Industry standard color-coding indicates wire range.
- Rated to 600 volts maximum, building wire; 1000 volts maximum, signs and fixtures.
- Temperature rating: 105°C (221°F).

**Insulation Color Code**

 22-18 & 8 gauge    
  16-14 & 6 gauge    
  12-10 & 4 gauge



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### Ring Terminals min. 100 pcs.

Gauge	Stud Size								Stock
	4	6	8	10	¼"	⅕"	⅜"	½"	
22-18	A520-04	A520-06	A521-08	A521-10	A522-14	A522-56	A526-38	—	.030
16-14	B523-04	B523-06	B537-08	B539-10	B525-14	B525-56	B518-38	—	.030
12-10	—	C536-06	C528-08	C528-10	C530-14	C530-56	C540-38	C501-12	.040



### Spade Terminals min. 100 pcs.

Gauge	Stud Size								Stock
	4	6	8	10	¼"	⅕"	⅜"	½"	
22-18	—	A526-06	A535-08	A535-10	—	—	—	—	.030
16-14	—	B524-06	B527-08	B527-10	—	—	—	—	.030
12-10	—	C536-06	C541-08	C541-10	—	—	—	—	.040

## DIMENSION CHART

Stud Size	Hole Dia.	Stud Dia.	Stud Size	Hole Dia.	Stud Dia.	Stud Size	Hole Dia.	Stud Dia.	Stud Size	Hole Dia.	Stud Dia.
4	.120	.112	8	.173	.164	¼"	.266	.250	⅜"	.391	.375
6	.146	.138	10	.198	.190	⅝"	.328	.312	½"	.516	.500

## STUD SIZE



	Flanged Spade Terminals min. 100 pcs.									
	Gauge	Stud Size								Stock
		4	6	8	10	¼"	⅝"	⅜"	½"	
	22-18	—	A515-06	A515-08	A515-10	—	—	—	—	.030
	16-14	—	B516-06	B516-08	B516-10	—	—	—	—	.030
	12-10	—	C517-06	C517-08	C517-10	—	—	—	—	.040

	Push-on Terminals min. 100 pcs.			
	Gauge	Inside Width Standard		
		0.110" (stock 0.20)	0.187" (stock .020)	0.250" (stock .032)
	22-18	AA8131	AA8137	AA8140
	16-14	BB8132	BB8138	BB8141
	12-10	—	—	—
	22-18	—	AMCT57	AMCT5
	16-14	—	MCT57	MCT5
	12-10	—	—	CMCT5

	Inside Width Fully Insulated			
	Gauge			
		0.110" (stock 0.20)	0.187" (stock .020)	0.250" (stock .032)
	22-18	—	AA5267	AA5261
	16-14	—	BB5269	BB2263
	12-10	—	—	—
	22-18	—	AA5266	AA5260
	16-14	—	BB5269	BB2262
	12-10	—	—	—

	Male Bullet Connectors min. 100 pcs.			
	Gauge	Diameter		
		0.156"	0.180"	Stock
	22-18	A569	A559	.030
	16-14	B589	B579	.030







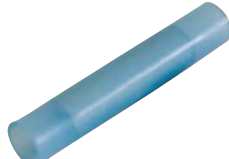
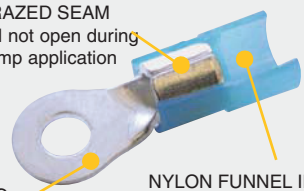
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## Clear Nylon-insulated Brazed Barrel Terminals

- The nylon insulation is molded onto the brazed seam barrel.
- The funnel entry is formed into the inside of the insulation for easier wire insertion.
- The brazed seam will not separate under pressure or operating stress.
- The clear nylon allows for easy inspection of connection, and is resistant to deformation.
- Industry standard color-coding indicates wire range.
- Rated to 600 volts maximum, building wire; 1000 volts maximum, signs and fixtures.
- Temperature rating: 105°C (221°F).

**Insulation Color Code**  22-18 & 8 gauge  16-14 & 6 gauge  12-10 & 4 gauge

 <p><b>ring terminals</b> 22-10 gauge</p>	 <p><b>spade terminals</b> 22-10 gauge</p>	 <p><b>narrow block spade terminals</b> 22-10 gauge</p>
 <p><b>flanged spade terminals</b> 22-10 gauge</p>	 <p><b>push-on terminals</b> 26-10 gauge</p>	 <p><b>bullet connectors &amp; receptacles</b> 22-14 gauge</p>
 <p><b>butt connectors</b> 22-10 gauge</p>	<div style="display: flex; align-items: center;"> <div style="margin-right: 20px;"> <p><b>INFO</b></p> <p>BRAZED SEAM will not open during crimp application</p> </div>  <div style="margin-left: 20px;"> <p>TIN PLATING offers added resistance to corrosion</p> <p>NYLON FUNNEL INSULATION resistant to deformation and cracking and forces wire strands into the barrel</p> </div> </div> <div style="margin-top: 20px; border-left: 1px solid black; padding-left: 10px;"> <p>Using a flanged spade or locking spade terminal can help reduce incidental disconnect.</p> </div>	

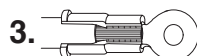
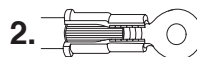
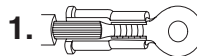
**KATCO** SERVICE PARTS INC.



### INSTALLATION PROCEDURE:

Funnel Barrel Feature provides an excellent electrical and mechanical connection:

1. Funnel design guides wire into position.
2. No wire strand hang-up as the wire is inserted, giving a fast, positive installation.



### DIMENSION CHART

Stud Size	Hole Dia.	Stud Dia.	Stud Size	Hole Dia.	Stud Dia.	Stud Size	Hole Dia.	Stud Dia.	Stud Size	Hole Dia.	Stud Dia.
4	.120	.112	8	.173	.164	1/4"	.266	.250	3/8"	.391	.375
6	.146	.138	10	.198	.190	5/16"	.328	.312	1/2"	.516	.500

### STUD SIZE



	Ring Terminals min. 100 pcs.									
	Gauge	Stud Size								Stock
		4	6	8	10	1/4"	5/16"	3/8"	1/2"	
22-18	—	A520-06	A521-08	A521-10	A522-14	A522-56	A526-38	—	.030	
16-14	—	B537-06	B537-08	B539-10	B525-14	B525-56	B518-38	—	.030	
12-10	—	C528-06	C528-08	C528-10	C530-14	C530-56	C540-38	C501-12	.040	

	Spade Terminals min. 100 pcs.									
	Gauge	Stud Size								Stock
		4	6	8	10	1/4"	5/16"	3/8"	1/2"	
22-18	—	A534-06	—	A535-10	—	—	—	—	.030	
16-14	—	B524-06	—	B527-10	—	—	—	—	.030	
12-10	—	C541-06	—	C541-10	—	—	—	—	.040	

	Piggy-back Push-on Terminals min. 100 pcs.									
	Gauge	Inside Width Fully Insulated								Stock
		.250" (stock .032)								
22-18	—	AA8301								.030
16-14	—	BB8302								.030

	Push-on Terminal Adapters min. 100 pcs.									
	Gauge	Inside Width								Stock
		.250"								
No. 8 Stud	—	0191630070								.030



## Shrink Tube Terminals

- Shrink tube terminals help to eliminate most of the failures that occur at the point of termination by offering a more complete seal with the wire.
- These terminals combine heat shrink tubing with terminal insulation to seal out corrosion, water and air.

**Insulation  
Color Code**



22-18 & 8 gauge






16-14 gauge



12-10 gauge

**Defend against corrosion, pull-out and downtime with shrink tube terminals.**

 <p><b>fight corrosion</b></p>	 <p><b>resist pull-out</b></p>	 <p><b>reduce downtime</b></p>
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Three different styles are offered:

- 1 Shrink Tube Terminal**
- Crimped**
- Mechanically sound
  - Seamless Butt Connector
  - Brazed seam - Ring & Spades
- Sealed**
- Durable insulation
  - Watertight connection
  - Color-coded with wire gauge imprint

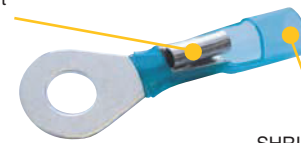
CRIMPABLE  
crimp enables a secure  
mechanical connection



SHRINK TUBE  
shrink tube protects and  
seals connection against  
most harsh environments

- 2 Solder Sleeve, Shrink Tube Terminal**
- Soldered**
- Superior strength
  - Better conductivity
- Sealed**
- Durable insulation
  - Watertight connection
  - Color-coded with wire gauge imprint

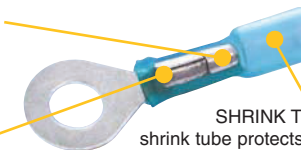
SOLDER  
supports superior current  
flow and tensile strength



SHRINK TUBE  
protects and seals  
connection against most  
harsh environments

- 3 Performance Terminal**
- Crimped**
- Mechanically sound
  - Easy installation
- Soldered**
- Additional strength
  - Better conductivity
- Sealed**
- Durable insulation
  - Watertight connection

SOLDER  
solder supports superior  
current flow and  
tensile strength



CRIMPABLE  
crimp enables a secure  
mechanical connection

SHRINK TUBE  
shrink tube protects and  
seals connection against  
most harsh environments





- The shrink tube is adhesive-lined and color-coded to industry standard wire range.
- The translucent, gauge-printed shrink tube allows for visual inspection of the connection, and has a greater pull strength when compared to vinyl or nylon.
- These terminals protect against corrosion and are waterproof.
- Rated to 600 volts maximum, building wire; 1000 volts maximum, signs and fixtures.
- Temperature rating: 105°C (221°F).

**Insulation  
Color Code**



20-18 & 8 gauge



16-14 gauge



12-10 gauge



**ring terminals**  
20-8 gauge



**multi stud ring terminals**  
20-14 gauge



**spade terminals**  
20-10 gauge



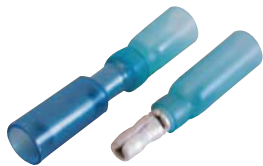
**push-on terminals**  
20-10 gauge



**piggy-back push-on terminals**  
22-14 gauge



**push-on terminal adapters**



**bullet & receptacle terminals**  
16-14 gauge



**butt connectors**  
24-8 gauge



**step-down butt connectors**  
20-8 gauge



**Y connectors**  
20-10 gauge

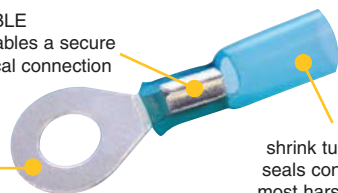


**sealed connectors**  
for multiple wires



**CRIMPABLE**  
crimp enables a secure  
mechanical connection

**TIN PLATING**  
offers added  
resistance to corrosion



**SHRINK TUBE**  
shrink tube protects and  
seals connection against  
most harsh environments

**KATCO** SERVICE PARTS INC.



### DIMENSION CHART

Stud Size	Hole Dia.	Stud Dia.	Stud Size	Hole Dia.	Stud Dia.	Stud Size	Hole Dia.	Stud Dia.	Stud Size	Hole Dia.	Stud Dia.
4	.120	.112	8	.173	.164	¼"	.266	.250	¾"	.391	.375
6	.146	.138	10	.198	.190	⅝"	.328	.312	½"	.516	.500

### STUD SIZE



	Ring Terminals min. 10 pcs.									
	Gauge	Stud Size							Stock	
		4	6	8	10	¼"	⅝"	⅜"		½"
	20-18	—	SA221-06	SA221-08	SA221-10	SA222-14	SA222-56	SA226-38	—	.030
	16-14	—	SB237-06	SB237-08	SB239-10	SB225-14	SB225-56	SB218-38	—	.030
	12-10	—	SC228-06	SC228-08	SC228-10	—	—	—	—	.040
	8	—	—	—	—	—	—	—	—	.050

	Multi Stud Ring Terminals min. 10 pcs.		
	Gauge	Stud Size	Stock
		6, 8, & 10	
	16-14	SB239-06-8-10	.030
	12-10	SC228-06-8-10	.030

	Spade Terminals min. 10 pcs.									
	Gauge	Stud Size							Stock	
		4	6	8	10	¼"	⅝"	⅜"		½"
	20-18	—	SA235-06	SA235-08	SA235-10	—	—	—	—	.030
	16-14	—	SB227-06	SB227-08	SB227-10	—	—	—	—	.030
	12-10	—	SC241-06	SC241-08	SC268-10	SC268-14	—	—	—	.040

	Push-on Terminals min. 10 pcs.		
	Gauge	Inside Width Fully Insulated	
		.250" (stock .032)	
 female	20-18	SAA9261	
	16-14	SBB9263	
	12-10	SC9261	
 male	20-18	SAA9260	
	16-14	SBB9262	
	12-10	SC9260	



## Shrink Tube Terminals

continued

**Insulation  
Color Code**




20-18 & 8 gauge




16-14 gauge





12-10 gauge


	<b>Bullet &amp; Receptacle Terminals</b> min. 10 pcs.			
	<b>Inside Width Standard</b>			
	<b>Gauge</b>	<b>.156"</b>	<b>.176"</b>	<b>Stock</b>
	16-14	F <b>SBRB8156</b>	<b>SBRB8180</b>	.030
16-14	M <b>SB289</b>	<b>SB279</b>	.030	

M = male, F = female

	<b>Sealed Connectors for Multiple Wires</b> min. 10 pcs.				
	1#20-#18 and 2#20-#18    1#16-#14 and 2#16-#14    1#12-#10 and 2#12-#10				
	<b>Part No.</b>	<b>Color</b>	<b>Part No.</b>	<b>Color</b>	<b>Part No.</b>
<b>HL57-16</b>	clr/red dash	<b>HL57-14</b>	clr/blue dash	<b>HL57-10</b>	clr/yel dash





	<b>Butt Connectors</b> min. 10 pcs.				
	<b>Gauge</b>	<b>Butted Seam</b>	<b>Seamless</b>	<b>Brazed Barrel</b>	<b>Stock</b>
	20-18	—	<b>SAA2218</b>	—	.030
	16-14	—	<b>SBB1614</b>	—	.030
	12-10	—	<b>SC1210</b>	—	.040
8	—	—	<b>SD8</b>	.050	

	<b>Step-down Butt Connectors</b> min. 10 pcs.		
	<b>Gauge</b>	<b>Description</b>	
		<b>Part No.</b>	<b>Stock</b>
	20-18 / 16-14	<b>SAA631</b>	.033 / .040
16-14 / 12-10	<b>SCB646</b>	.039 / .057	

	<b>Y Connectors</b> min. 10 pcs.			
	<b>Gauge</b>	<b>Part No.</b>	<b>Stud</b>	<b>Stock</b>
	20-18	<b>SA2YCX</b>	8	.030
	16-14	<b>SB2YCX</b>	8	.030
12-10	<b>SC2YCX</b>	8	.040	

INFO

**SEALED CONNECTORS FOR MULTIPLE WIRES**

**KATCO**   
SERVICE PARTS INC.



## Solder Sleeve Terminals

- The shrink tube is adhesive-lined and color-coded to industry standard wire range.
- The translucent, gauge-printed shrink tube allows for visual inspection of the connection, and has a greater pull strength when compared to vinyl or nylon.
- Low temperature, pre-measured solder allows for a consistent flow of solder.
- These terminals protect against corrosion and are waterproof.
- Rated to 600 volts maximum, building wire; 1000 volts maximum, signs and fixtures.
- Temperature rating: 105°C (221°F).

**Insulation  
Color Code**




20-18 gauge



16-14 gauge








12-10 gauge

		Butt Connectors min. 10 pcs.	
		Gauge	Description Solder Barrel
	24-22	—	
	20-18	SSC2218	
	16-14	SSC1614	
	12-10	SSC1210	

## Performance Terminals

- For the ultimate in conductivity and weather resistance, choose these terminals offering the greatest reliability, strength and durability.
- The brazed seam with serrated barrel provides a secure crimp.
- Low temperature, pre-measured solder allows for a consistent flow of solder.
- Color-coded, adhesive-lined polyolefin shrink tube assures proper sealing.
- Rated to 600 volts maximum, building wire; 1000 volts maximum, signs and fixtures.
- Temperature rating: 105°C (221°F).

 <p><b>ring terminals</b> 20-10 gauge</p>	 <p><b>spade terminals</b> 20-10 gauge</p>	 <p><b>push-on terminals</b> 20-10 gauge</p>
 <p><b>butt connectors</b> 20-10 gauge</p>	<p><b>INFO</b></p> <p><b>SOLDER</b> solder supports superior current flow and tensile strength</p> <p><b>CRIMPABLE</b> crimp enables a secure mechanical connection</p> <p><b>SHRINK TUBE</b> shrink tube protects and seals connection against most harsh environments</p> 	

**KATCO** SERVICE PARTS INC.

## INFO INSTALLATION

