

# Connectors

## Crimp & Heat Shrink Butt Connector

*Waterproof and Corrosion Resistant Connections  
Crimp & Apply Heat Until Inner Wall Melts and Tubing Shrinks*

### NYLON



MADE IN USA

Seamless Copper Connector Barrel  
Adhesive Lined Nylon Heat Shrink Sleeve  
Maximum Electrical Rating 750 Volts - Tensile Strength 4000 psi  
Insulation Shrink Temp 212°F (100°C)  
Operating Temperature -67°F to 257°F (-55°C to 125°C)

*Clear Nylon - Better Visibility  
30% Faster Shrink Time  
Lower Operating Temp*



**#0385T Tool**  
*Crimps Heat Shrink Terminals  
22-8 Ga (Page 20)*

Red 22-16 AWG		Blue 16-14 AWG		Yellow 12-10 AWG	
Part #	Qty	Part #	Qty	Part #	Qty
2250AA	1000	2260AA	1000	2270AA	500
2250A	100	2260A	100	2270A	100
2250G	25	2260G	25	2270G	25
2250GT	25	2260GT	25	2270GT	25
2250C	5	2260C	5	2270C	5
2250PT	5	2260PT	5	2270PT	5

### POLYOLEFIN



Seamless Copper Connector Barrel  
Adhesive Lined Polyolefin Heat Shrink Sleeve  
Maximum Electrical Rating 600 Volts - Tensile Strength 1500 psi  
Insulation Shrink Temp 302°F (150°C)  
Operating Temperature 14°F to 241°F (-10°C to 105°C)



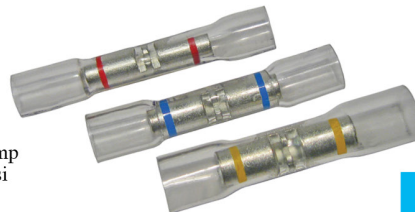
Yellow 26-22 AWG		Red 22-16 AWG		Blue 16-14 AWG		Yellow 12-10 AWG	
Part #	Qty	Part #	Qty	Part #	Qty	Part #	Qty
2246AA	1000	2251AA	1000	2261AA	1000	2271AA	500
2246A	100	2251A	100	2261A	100	2271A	100
2246G	25	2251G	25	2261G	25	2271G	25
2246GT	25	2251GT	25	2261GT	25	2271GT	25
2246C	5	2251C	5	2261C	5	2271C	5
2246PT	5	2251PT	5	2261PT	5	2271PT	5

## Crimp & Heat Shrink Clear Seal Butt Connector

*Window Butt & Clear Sleeve Gives Optimal Visual  
Inspection for Life Of Connection*

Seamless Copper Barrel With Window  
Adhesive Lined Clear Ionic Polymer Heat Shrink Sleeve  
Color Stripe Indicates Wire Gauge and Proper Position for Crimp  
Maximum Electrical Rating 600 Volts - Tensile Strength 4000 psi  
Insulation Shrink Temp 212°F (100°C)  
Operating Temperature -67°F to 257°F (-55°C to 125°C)

Insert & Crimp Stripped Wires in Correct End  
Apply Heat Slowly Until Adhesive Melts & Flows  
& Tubing Shrinks

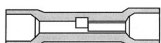


Color Coded Stripes Denote Wire Gauge  
Red Stripe - 22-16 AWG  
Blue Stripe - 16-14 AWG  
Yellow Stripe - 12-10 AWG

*Visual Inspection Of Crimp  
Before Shrinking!*

Red Stripe 22-16 AWG		Blue Stripe 16-14 AWG		Yellow Stripe 12-10 AWG	
Part #	Qty	Part #	Qty	Part #	Qty
2253A	100	2263A	100	2273A	100
2253G	25	2263G	25	2273G	25
2253GT	25	2263GT	25	2273GT	25
2253C	5	2263C	5	2273C	5
2253PT	5	2263PT	5	2273PT	5

## Heat Shrink Step Down Butt Connector



*Varied Diameter of Terminal Barrel  
Gives a Positive Crimp on Each End*

Insert & Crimp Stripped Wires in Correct End  
Apply Heat Slowly Until Adhesive Melts & Flows  
& Tubing Shrinks

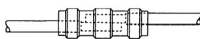
Color Coded Stripes Denote Wire Gauge  
Red Stripe - 22-16 AWG  
Blue Stripe - 16-14 AWG  
Yellow Stripe - 12-10 AWG

Window in Connector Allows for Visual Inspection of Wires  
Wire Stop Prevents Over Insertion of Wires  
Translucent Adhesive Lined Polyolefin Heat Shrink Sleeve  
Maximum Electrical Rating 900 volts - Tensile Strength 2200 psi  
Insulation Shrink Temp 275°F (135°C)  
Operating Temperature -67°F to 230°F (-55°C to 110°C)

Color	Gauge	Part #	Qty	Part #	Qty
Blue w/Red & Blue Stripe	16-14 to 22-16	2265AA	1000	2265A	100
		2265G	25	2265GT	25
		2265C	5	2265PT	5
Yellow w/Blue & Yellow Stripe	12-10 to 16-14	2275AA	1000	2275A	100
		2275G	25	2275GT	25
		2275C	5	2275PT	5
Red w/Yellow & Red Stripe	8 to 12-10	2295AA	500	2295A	100
		2295G	25	2295GT	25
		2295C	3	2295PT	3

# Connectors

## Solder & Heat Shrink Butt Connector



Intermingle & Overlap Stripped Wires In Center of Solder Ring  
Slowly Apply Heat Until Solder Ring Melts  
Continue Heating Tubing Until Adhesive Flows & Tubing Shrinks

Pre-Fluxed Solder Ring  
Translucent & Adhesive Lined Polyolefin Shrink Sleeve  
Maximum Electrical Rating 600 volts - Tensile Strength 2200 psi  
Solder Melt Point 300°F (149°C) - Insulation Shrink Temp 275°F (135°C)  
Operating Temperature -67°F to 230°F (-55°C to 110°C)



*Soldering Gives Strong Vibration Resistant Life To Each Connection*

Clear		Red		Blue		Yellow	
26-22 AWG	Part #	22-16 AWG	Part #	16-14 AWG	Part #	12-10 AWG	Part #
2247A	100	2252A	100	2262A	100	2272A	100
2247G	25	2252G	25	2262G	25	2272G	25
2247GT	25	2252GT	25	2262GT	25	2272GT	25
2247C	5	2252C	5	2262C	5	2272C	5
2247PT	5	2252PT	5	2262PT	5	2272PT	5

## Crimp-Solder-Heat Shrink Butt Connector



*Pre-Fluxed Solder Ring*



**#0385T Tool**  
*Crimps Heat Shrink Terminals*  
22-8 Ga (Page 20)

Insert & Intermingle Stripped Wires In Connector & Crimp  
Apply Heat Until Pre-Fluxed Solder Ring Melts  
Continue Heating Tubing Until Adhesive Flows & Tubing Shrinks  
Cool For a Perfect Watertight Connection

Seamless Copper Butt Connectors - Wire Stop Prevents Over-Insertion  
Translucent & Adhesive Lined Polyolefin Shrink Sleeve  
Window in Connector Allows Visual Inspection of Solder Flow  
Maximum Electrical Rating 900 volts - Tensile Strength 2200 psi  
Solder Melt Point 300°F (149°C) - Insulation Shrink Temp 275°F (135°C)  
Operating Temperature -67°F to 230°F (-55°C to 110°C)



*Using a Crimpable Connector Will Hold Wire in Place While Solder is Melting*

Clear		Red		Blue		Yellow	
24-22 AWG	Part #	22-16 AWG	Part #	16-14 AWG	Part #	12-10 AWG	Part #
2248A	100	2254A	100	2264A	100	2274A	100
2248G	25	2254G	25	2264G	25	2274G	25
2248GT	25	2254GT	25	2264GT	25	2274GT	25
2248C	5	2254C	5	2264C	5	2274C	5
2248PT	5	2254PT	5	2264PT	5	2274PT	5

## Solder & Heat Shrink Kits

*Soldering Gives Strong Vibration Resistant Life To Each Connection*



#0002-SS

#0003-SS



#0004-SS



#0005-SS

**#0002-SS CRIMP-SOLDER-HEAT SHRINK BUTT CONNECTORS**  
22-24, 22-16, 16-14 & 12-10 AWG Crimp & Heat Shrink Butt Connectors  
70 pieces 6-1/2" x 3-1/2" Plastic Kit Refill Packs Page 9  
Includes: 2248 2254 2264 2274

**#0003-SS SOLDER & HEAT SHRINK TERMINAL KIT**  
Solder Shrink Terminals and Crimp & Solder Shrink Butt Connectors  
54 pieces 10-3/4" x 7" Plastic Kit Refill Packs Page 9 & 10  
Includes: 2254 2264 2274 2812 2818 2819 2821 2822 2823 2825 2828 2829 2831 2832 2834 2835 2838 2839

**#0004-SS SOLDER & HEAT SHRINK TERMINAL KIT**  
120 Solder Shrink Terminals -15 Crimp & Solder Shrink Butt Connectors  
13-1/2" x 9-1/2" Metal Kit Refill Packs Page 9 & 10  
Includes: 2254 2264 2274 2810 2811 2812 2813 2816 2818 2819 2821 2822 2823 2825 2826 2828 2829 2831 2832 2834 2835 2836 2838 2839

**#0005-SS SOLDER & HEAT SHRINK TERMINAL KIT**  
360 Solder Shrink Terminals- 45 Crimp and Solder Shrink Butt Connectors  
18" x 12" x 3" Metal Kit Refill Packs Page 9 & 10  
Includes: 2254 2264 2274 2810 2811 2812 2813 2816 2818 2819 2821 2822 2823 2825 2826 2828 2829 2831 2832 2834 2835 2836 2838 2839