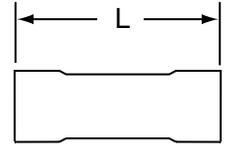




# Scotchlok™ Connectors

MVU18PC, MVU14PC, MVU10PC  
Parallel Connector, Vinyl Insulated, Butted Seam



## Data Sheet

Product Number	Wire Range (AWG)	L	Thickness	Barrel I.D.		Maximum Insulation Diameter
				In	CMA	
MVU18PC	22-18	0.67	0.030	0.070	4900	0.145
MVU14PC	16-14	0.67	0.030	0.090	8100	0.170
MVU10PC	12-10	0.87	0.040	0.135	18225	0.250

### MVU18PC

1 #22 to 1 #22, 20, 18, 16  
1 #20 to 1 #20, 18, 16  
1 #18 to 1 #18

Min. CMA: 1280, Max. CMA: 3600

### MVU14PC

1 #22 to 1 #22, 20, 18, 16, 14  
1 #20 to 1 #20, 18, 16, 14  
1 #18 to 1 #18, 16, 14  
1 #16 to 1 #16

Min. CMA: 1280, Max. CMA: 5730

### MVU10PC

1 #18 to 1 #18, 16, 14, 12, 10  
1 #16 to 1 #16, 14, 12, 10  
1 #14 to 1 #14, 12

Min. CMA: 3240, Max. CMA: 12860

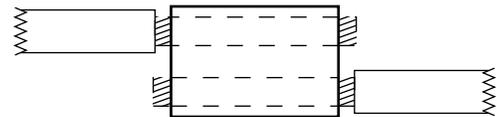
## Installation Information

### ⚠ WARNING

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

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.



Wire Insertion

## Specifications

Wire Size:	See Table Above
Barrel Seam:	Butted
Maximum Operating Temp:	221°F (105°C)
Maximum Current:	Same as Wire
Insulator Material:	Vinyl
Terminal Material:	ETP Copper
Terminal Plating:	Tin

## 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 thru 4) and construction (non-insulated brazed seam, vinyl insulated butted seam, nylon insulated seamless, etc...).

The Vinyl Insulated, Butted Seam Parallel Connector shall be tin-plated, annealed copper, having a round barrel and a close fitting vinyl covering, color coded and sized for a specified (AWG) wire range (22-18, 16-14, 12-10).

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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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**Electrical Products Division**

6801 River Place Blvd.  
Austin, TX 78726-9000  
<http://www.3M.com/elpd>

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