



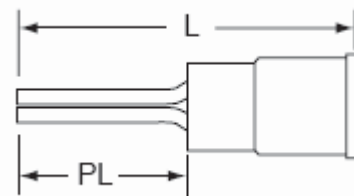
**THE DATASHEET OF**  
**83P-55-P-A**





# Specialty Terminals

81P-47-P-A, 82P-47-P-A, 83P-55-P-A  
Pin, Vinyl Insulated, Butted Seam



Data Sheet

February 2008

Product Number	Wire Range (AWG)	Pin Diameter	L	PL	Maximum Insulation Diameter
81P-47-P-A	22-18	.075	.90	0.47	.15
82P-47-P-A	16-14	.075	.90	0.47	.17
83P-55-P-A	12-10	.110	1.06	0.55	.25

## Specifications

Wire Size:	See Table Above
Barrel Seam:	Butted
Maximum Voltage Rating:	600 V Building Wire 1000 V Signs or Fixtures (Luminaires)
Maximum Operating Temp:	167°F (75°C)
Maximum Current:	Same as Wire
Insulator Material:	Vinyl
Terminal Material:	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.

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

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



Barrel Crimp (Electrical)

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**Engineering Specification**

Crimp-Type pin terminals shall, electrically and mechanically, connect to a pre-stripped end of a stranded copper wire, and have a round pin portion for mounting under a screw, stud or inserting in a compatible terminal block.

The pin terminal line shall offer barrel variations, variations in wire (AWG) size (22-18, 16-14 and 12-10) and construction (non-insulated butted seam, nylon insulated with insulation grip, etc.).

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