



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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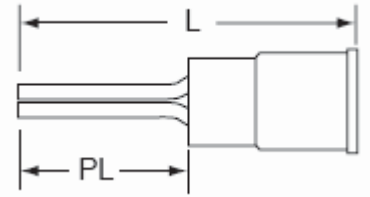
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Specialty Terminals

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)

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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