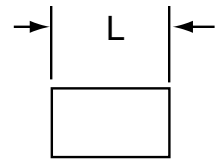




Scotchlok™ Connectors

M14PC, M10PC

Parallel Connector, Non-Insulated, Seamless



Data Sheet

Product Number	Wire Range (AWG)	L	Thickness	Barrel I.D.	
				In	CMA
M14PC	16-14	0.31	0.024	0.091	8281
M10PC	12-10	0.34	0.024	0.152	23104

M14PC

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

M10PC

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

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

1 #14 to 1 #14, 12, 10

1 #12 to 1 #12

Min. CMA: 3240, Max. CMA: 14490

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.

Specifications

Wire Size:

See Table Above

Barrel Seam:

Seamless

Maximum Operating Temp:

347°F (175°C)

Maximum Current:

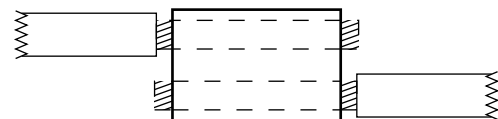
Same as Wire

Terminal Material:

ETP Copper

Terminal Plating:

Tin



Wire Insertion

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, seamless, etc...).

The Non-Insulated, Seamless Parallel Connector shall be tin-plated, annealed copper, having a round seamless barrel, sized for a specified (AWG) wire range (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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