

HDP-22 Crimp Snap-In Contact Connectors (Continued)

Material

Pin—Brass

Socket—Phosphor bronze

Finish

A—Duplex plated .000030 [0.00076] gold on mating end, tin-lead on crimp barrel, with entire contact nickel underplated

B—Duplex plated gold flash on mating end, tin-lead on crimp barrel, entire contact nickel underplated

Related Product Data:

Performance Characteristics—page 42

Connectors used with—pages 110-112

Technical Documents:

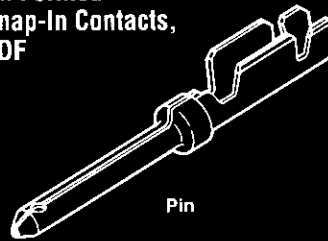
Application Specification—114-10001

Product Specification—108-1268

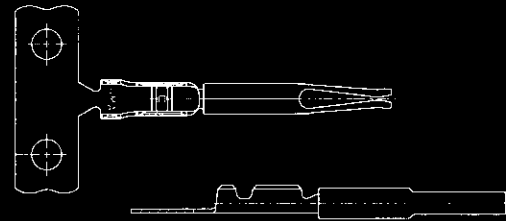
Instruction Sheet—408-9381

Note: Instruction Sheets for AMP Tooling are packaged with the tooling. For additional information call the Tooling Assistance Center: **1-800-722-1111**.

Precision Formed Crimp Snap-In Contacts, Size 22 DF



Pin



Socket

Wire Size AWG mm ²	Insulation Diameter Max.	Contact Finish (Plating Code)	Contact Part Numbers				Hand Tools for Loose Form Contacts	
			Pin		Socket		PRO-CRIMPER II Hand Tool	CERTI-CRIMP II Hand Tool
			Strip Form	Loose Form	Strip Form	Loose Form		
28-22 0.4-0.08	.040 1.02	A	748333-2	748333-4	748610-2	748610-4	90800-1	91520-1
		B	748333-5	748333-7	748610-5	748610-7		

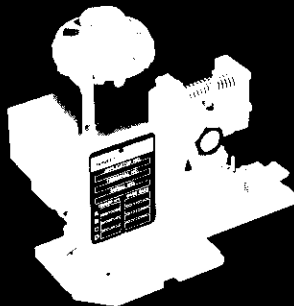
Notes: 1. Strip form contacts shipped 20,000 pieces/reel.

Insertion/Extraction

Tool No. 91285-1 (Instruction Sheet—408-9404)

This tool contains interchangeable tips to Insert/Extract Size 22, 28-22 AWG [0.08-0.4 mm²] Crimp Contacts Size 20, 28-20 AWG [0.08-0.4 mm²] Crimp Contacts Size 20, Posted Contacts

Application Tooling

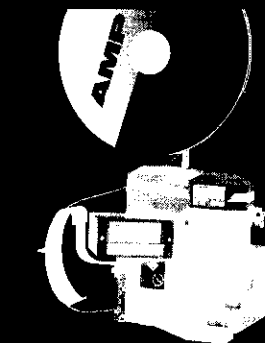


Applicators

To accommodate the broad range of wire termination products that Tyco Electronics produces, most AMP terminating machines are designed for use with interchangeable applicators. The basic styles are quickly interchangeable to minimize costly down times, and feature dial-in wire and insulation crimp-height settings. Special applicators are now available for use with the AMP Crimp Quality Monitor, for measuring the crimp height of each termination as it is made, plus evaluating the quality of each crimp.

For further information, request Catalog 65404.

For applicator part numbers, call the AMP Tooling Assistance Center at **1-800-722-1111**.



AMP-O-LETRIC MODEL "G" Terminating Machine

A totally new design of our most popular machine for bench-top operation. It features a quiet and highly-reliable direct motor drive, electronic controls for ease of setup and operation, and improved guarding and lighting for operator convenience and safety. All versions also include either manual or automatic precision adjustment for crimp height. Power requirement is 120 or 220 VAC, 50 or 60 Hz.

For further information, request Catalog 65828.

AMP-O-MATIC Model II Stripper-Crimper Machine

This machine automatically strips as well as terminates individual wires. Similar to the AMP-O-LETRIC Model "G" machine, applicators are quickly interchangeable, and it includes precision adjustment for crimp height. All adjustments can be made from the front of the machine without special tools. Power requirement is 120 VAC. Air requirement is 80-100 psi [5.52-6.89 bar], 3.5 scfm [0.00165 m³/s].

For further information request Catalog 65004.



PRO-CRIMPER II Hand Tool Part No. 90800-1

Features interchangeable die sets and ratchet control that provides full die closure to help eliminate partial crimps. The new design is more durable, and requires dramatically less hand force.

For further information, request Catalog 82276.