

Application Tooling for Wire Crimp Contacts

Tooling shown on this page is designed to terminate wire crimp contacts used in various AMPMODU wire-to-board connectors. Refer to page 87 to determine the applicable connectors.

Applicators

Several AMP terminating machines, including the AMP-O-LECTRIC Model "G", AMP-O-MATIC Stripper/Crimper and AMPOMATOR CLS machines, are designed for use with interchangeable applicators. Basic styles are quickly interchangeable to minimize costly downtimes, and feature dial-in wire and insulation crimp height settings. Special applicators are available for use with the AMP Crimp Quality Monitor (see page 290), for measuring the crimp height of each termination as it is made, plus evaluating the quality of each crimp.



Heavy Duty Miniature Applicators

AMP-O-LECTRIC Model "G" Terminating Machine (Shown with Optional Crimp Quality Monitor)



A totally new design of our most popular machine for bench-top operation. It features a quiet and reliable direct motor drive, electronic controls for easy setup and operation, and improved guarding and lighting for operator convenience and safety. All versions include either manual or automatic precision adjustment for crimp height.

For further details, request Tyco Electronics Catalog 65828.

AMP-O-MATIC Stripper/Crimper Machine (Shown with Optional Crimp Quality Monitor)



This machine automatically strips as well as terminates individual wires. Similar to the AMP-O-LECTRIC 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.

For further details, request Tyco Electronics Catalog 65004.

Application Tooling for Wire Crimp Contacts (Continued)

Tooling shown on this page is designed to terminate wire crimp contacts used in various AMPMODU wire-to-board connectors. Refer to page 87 to determine the applicable connectors.

AMPOMATOR CLS IV+ Lead Making Machine



Photo 110234-3

The CLS machine is a fully automatic machine that measures, cuts, strips and terminates single-wire leads. It is microprocessor controlled and is programmed and operated with an easy-to-follow menu-driven touchscreen. This popular machine features AMP-O-LECTRIC Model "G" terminating units with prevision adjustment for crimp height, optional crimp quality monitoring using G-Adapter sensors, and motorized transfers that provide automatic setup and increased production rates of up to 4,800 leads per hour.

For further details, request Tyco Electronics Catalog 124324.

Commercial PRO-CRIMPER II Hand Tool



Photo 93750

Commercial grade hand tool for crimping various products. Features ratchet control to provide complete crimp cycle. Accepts both pinned- and shouldered-style die sets. Locators are provided with pinned-style die sets for proper contact and wire positioning, and to help minimize contact rotation and bending during crimping. Approximate weight 1.3 lb [0.60 kg].

For further details, request Tyco Electronics Catalog 82276, Instruction Sheet 408-9930.

Crimp Quality Monitor



This unique system provides on-the-fly crimp inspection. It measures the crimp height of each termination, and evaluates the quality of each crimp. If a crimp is questionable, the monitor alerts the operator with both visual and audible alarms. It also provides ports for printing and networking.

When used with AMP-O-LECTRIC Model "G" and AMP-O-MATIC Stripper/Crimper machines, the monitor is mounted to the machine. When used with AMPOMATOR CLS IV+ lead making machines, it is integrated into the machine's operating system, with the information displayed on the machine's touchscreen.

For further details, request Tyco Electronics Catalog 82275.

Premium CERTI-CRIMP Straight Action Hand Tool (SAHT)



AMP hand tools are ideal for small production and prototype applications. They feature ratchet control to help eliminate partial crimps, straight-line die closure, terminal locator and support, and insulation crimp adjustment. Tyco Electronics hand tools also can be adapted for use with pneumatic tooling assemblies, providing air operated crimping capabilities.

For further details on Tyco Electronics straight action hand tools, request Tyco Electronics Catalog 65780. For more details on Tyco Electronics pneumatic tooling assemblies, call the Tyco Electronics Technical Support Center, 1-800-522-6752.

Application Tooling for Insulation Displacement Crimp (IDC) Contacts and Connectors

Tooling shown on this page is designed to terminate IDC contacts for various AMPMODU wire-to-board connectors. Refer to page 87 to determine the applicable connectors.

Pistol Grip Manual and Air Powered Tools

The manual pistol grip tool features an interchangeable modular terminating head which also can be used in the pneumatic version, the Bench Mount Pneumatic Power Assembly and the IDC Electric Power Unit. The head terminates one unstripped wire per cycle and indexes the connector to the next terminating position. The head rotates to permit optimum access to the wiring area.

The Bench Mount Pneumatic Power Assembly is air actuated with either a foot or knee switch. This capability frees the operator's hands for optimum positioning.

Modular Heads:

- 58062-1** (for MT connectors)
- 58336-1** (for MTE connectors)
- 58395-1** (for Level V IDC connectors)
- 58540-1** (for MTE connectors, discrete wire or flat ribbon cable)



Manual Pistol Grip
Tool No. 58074-1



Pneumatic Pistol Grip
Tool No. 58075-1



Bench Mounted Pneumatic Power Assembly
No. 58338-1

New

Modular Head
Tool No. 58540-1



Photo 94594

This modular head tool can be used on any pistol grip tool. It was designed for discrete wire or flat ribbon cable applications.



IDC Electric Power Unit
No. 931800-1

IDC Electric Power Unit

This electrically powered semiautomatic bench machine is designed for applying AMPMODU MTE and MT connectors to discrete wires. It is portable and compact and uses existing pistol grip modular heads. The heads are easily interchanged to run different products. *The IDC Electric Power Unit's cycle rate is approximately 7,200 cycles per hour, with exact production rates depending upon operator dexterity.

Modular Heads:

- 58062-1** (for MT connectors)
- 58336-1** (for MTE connectors)

*A tube-fed track assembly, Part No. 856675-1, also can be used with MTE Connectors.

Application Tooling for Insulation Displacement Crimp (IDC) Contacts and Connectors (Continued)

Tooling shown on this page is designed to terminate IDC contacts for various AMPMODU wire-to-board connectors. Refer to page 87 to determine the applicable connectors.

Tube-Fed Ribbon Cable Machine



Tube-Fed Ribbon Cable Machine No. 856002-1

Designed for bench applications, this machine is pneumatically operated and controlled by a foot pedal. It terminates connectors onto end-notched ribbon cable. *The connectors are supplied in strip form and in plastic tubes. The machine consists of three basic subassemblies: a feed track, a terminating station and a seating station. The

feed track is a constant force, spring-driven unit which conveys connectors through the product tube to the terminating station. The air-operated terminating station positions and terminates contacts onto the notched cable. The seating station is manually operated and seats connector housings onto the terminated contacts.

*At a rate of 13-25 positions at a time.

Discrete Wire Terminating Machine

This electrically operated bench machine is designed to simplify as well as optimize the termination of discrete wire. It inserts one contact per cycle and indexes to the next position. Each machine cycle is actuated by a foot switch. The terminated contact is automatically sheared from the carrier strip and inserted into the connector housing and the end of the cycle.



Discrete Wire Terminating Machine No. 58020-2

2700 lb. Power Unit With Cable Notching Die



2700 lb. Power Unit No. 312522-1

Equipped with a cable notching die an adapter kit, this fully pneumatic bench machine provides the 2700 lb [12 010N] force required for end-notching ribbon cable. It features a grooved cable support plate, a pressure plate and a cable stop to facilitate cable alignment and positioning during the notching process.

Notching Dies:

854449-1 (for 24-22 AWG [0.2-0.6 mm²] Wire)

854449-2 (for 28-26 AWG [0.08-0.15 mm²] Wire)

Application Tooling for Insulation Displacement Crimp (IDC) Contacts and Connectors (Continued)

Tooling shown on this page is designed to terminate IDC contacts for various AMPMODU wire-to-board connectors. Refer to page 87 to determine the applicable connectors.

Bench Mount Arbor Tools

These tools are available for use with jacketed and ribbon cable or discrete wire. One side of a double-row connector may be terminated in a single actuation after the wires have been placed in the proper comb position (up to 25 terminations per actuation). Connectors may be stacked end-to-end. The cable jacket can be in close proximity to the connector, and excess wire length is sheared during termination.



Manual Arbor Tool

Tool Components:

- 91085-2** (Tool Frame)
- 91415-1** (Applicator)
- 527085-1** (Wire Organizer Assembly, for Discrete Wire)



Pneumatic Arbor Tool

Tool Components:

- 91112-2** (Tool Frame)
- 91415-1** (Applicator)
- 507145-1** (Upper Tool Mount)
- 527085-1** (Wire Organizer Assembly, for Discrete Wire)

CHAMPOMATOR Model 2.5 Terminating Machine



CHAMPOMATOR Model 2.5 Terminating Machine No. 354786-(*)

This compact bench machine terminates wires manually sorted from multiconductor cables. Termination sequence may include full termination of all contacts, or selective termination. Designed for easy programming, the machine is microprocessor controlled and programmed by a membrane switch keyboard. It also has an internal storage capability for retaining up to 350 cable assemblies. Connectors can be terminated with either straight or right-angle wire dress.

*For applicable dash nos., call the Technical Support Center: 1-800-522-6752. For further details, request Tyco Electronics Catalog 82247

CHAMPOMATOR Model 3A Terminating Machine



CHAMPOMATOR Model 3A Terminating Machine No. 761420-(*)

This floor model machine automatically sorts wires from multiconductor jacketed cable and terminates them in a user-determined sequence; either full termination of all contacts, or selective termination. Designed for easy programming, the machine is microprocessor controlled and programmed by a touchscreen. It also has an internal storage capability

for retaining up to 50 cable assemblies. Connectors can be terminated with either straight or right-angle wire dress. All cable assemblies are tested for continuity and shorts.

*For applicable dash nos., call the Technical Support Center: 1-800-522-6752. For further details, request Tyco Electronics Catalog 82247

Technical Documents for Board-to-Board Products

Various technical documents are available for your use.

Product Specifications describe technical performance characteristics and verification tests. They are intended for the Design, Component and Quality Engineers.

Receptacle Assemblies and Unshrouded Breakaway Headers, Surface-Mount — Pages 123-124, 202-209:

- 108-25017 AMPMODU Interconnection System, Two-Piece
- 108-25022 AMPMODU Mod. IV Interconnection System, Vertical Assemblies
- 108-25026 AMPMODU Mod. II Interconnection System, Standard Pressure Receptacle Assembly and Header

Two-Piece Printed Circuit Board Connectors — Pages 210-219:

- 108-16 ACTION PIN Contacts
- 108-25017 AMPMODU Interconnection System, Two-Piece
- 108-25027 AMPMODU Mod. II Interconnection System, Short-Point Receptacle Assembly and Header

Receptacle Assemblies, Horizontal and Vertical Board Mount — Pages 185-201:

- 108-25022 AMPMODU Mod. IV Interconnection System, Vertical Assemblies
- 108-25026 AMPMODU Mod. II Interconnection System, Standard Pressure Receptacle Assembly and Header
- 108-25027 AMPMODU Mod. II Interconnection System, Short-Point Receptacle Assembly and Header

.025 [0.64] Square Posts, Headers, Accessories and Tooling — Pages 91-114, 118-122, 129-157, 162-170, 180:

- 108-16 ACTION PIN Contacts
- 108-25026 AMPMODU Mod. II Interconnection System, Standard Pressure Receptacle Assembly and Header

Application Specifications describe requirements for using the product in its intended application, and/or crimping information. They are intended for the Packaging and Design Engineers and the Setup person.

Two-Piece Printed Circuit Board Connectors — Pages 210-219:

- 114-9009 AMPMODU Header, Two-Piece, Double Row, Application of

Receptacle Assemblies, Horizontal and Vertical Board Mount — Pages 185-209:

- 114-25018 AMPMODU Mod. II and IV Receptacle Assembly, PC Board Mounted, Vertical, Application of

.025 [0.64] Square Posts, Headers, Accessories and Tooling — Pages 91-114, 118-122, 129-157, 162-170, 180-184:

- 114-25028 ACTION PIN Contacts with Tyco Electronics Headers, Application
- 114-13011 AMPMODU .025 and .045 Square Continuous Posts

Instruction Sheets provide instructions for assembling or applying the product. They are intended for the Manufacturing Assembler or Operator.

Two-Piece Printed Circuit Board Connectors — Pages 210-219:

- 408-2636 ACTION PIN Contact Rear Insertion/Extraction Tool 265871-7
- 408-9054 Seating Tools

Receptacle Assemblies, Horizontal and Vertical Board Mount — Pages 185-209:

- 408-7411 Suggestions for Flow Soldering Vertical AMPMODU Receptacles
- 408-7700 Replacing Solder Tine Receptacle Contacts in AMPMODU Mod. II and AMPMODU Vertical Connectors Mod. IV

.025 [0.64] Square Posts, Headers, Accessories and Tooling — Pages 91-114, 118-122, 129-157, 162-170, 180:

- 408-2636 ACTION PIN Contact Rear Insertion/Extraction Tool 265871-7
- 408-6944 Tyco Electronics Uninsulated Bandolier Post Insertion Tool 91419-1
- 408-7977 AMPMODU Double Row, Straight Posts, End Shrouds .100 x .100 [0.64 x 0.64] Centers
- 408-7878 AMPMODU Header Barrier Inserts
- 408-9009 Hand Tool 91046-1 for Breakaway Headers
- 408-9054 ACTION PIN Contact Headers Seating Tool, 91170 Series
- 408-9185 ACTION PIN Contact Front Extraction Tool 58209-1
- 408-9707 Tool Kit 314818-1 for Breakaway Headers

Handbook 5697 Guide to Application of ACTION PIN Contact Connectors

Technical Documents for Wire-to-Board Products

Various technical documents are available for your use.

Product Specifications describe technical performance characteristics and verification tests. They are intended for the Design, Component and Quality Engineers.

Locking Clip Contacts and Housings — Pages 223-226:

108-36028 Connector, Locking Clip, .025 [0.64] Square, Gold
108-36028-1 Connector, Locking Clip, .025 [0.64] Square, Tin

Mod. IV Wire-Applied Contacts and Housings — Pages 227-237:

108-25007 AMPMODU Mod. V Interconnection System, Wire-Applied (High Pressure)
108-25019 AMPMODU Mod. IV Male Connectors
108-25020 AMPMODU Mod. IV Interconnection System, (Standard Pressure)
108-25021 AMPMODU Mod. IV.V Interconnection System, (Intermediate Pressure)

Short-Point Wire-Applied Contacts and Housings — Pages 238-241:

108-1472 Short-Point Contacts and Housings

AMPMODU MTE Interconnection System — Pages 242-270:

108-25034 AMPMODU MTE Connectors

AMPMODU MT and Shielded MT Interconnection System — Pages 274-284:

108-25015 AMPMODU MT Standard Pressure Connectors
108-25018 AMPMODU MT High Pressure Connectors
108-25030 AMPMODU MT Shielding Accessories

AMPMODU Level V, IDC Connectors —

108-25028 Interconnection System, Insulation Displacement Connector, IDC Level

Mini-Tandem Spring Receptacle Contacts — Pages 285-288:

108-25031 Tandem Spring Receptacle Contact

Application Specifications describe requirements for using the product in its intended application, and/or crimping information. They are intended for the Packaging and Design Engineers and the Setup person.

Locking Clip Contacts and Housings — Pages 223-226:

114-25006 Contact, Locking Clip, .025 [0.64] Square, Application of

Mod. IV Wire-Applied Contacts and Housings — Pages 227-237:

114-25003 AMPMODU Mod. IV (Standard Pressure), AMPMODU Mod. IV.V (Intermediate Pressure) and AMPMODU Mod. V (High Pressure) Receptacle Contacts, Application of
114-25016 AMPMODU Mod. IV Crimp Pin Contact

Short-Point Wire-Applied Contacts and Housings — Pages 238-241:

114-25038 Short-Point Contacts and Housings

AMPMODU MTE Interconnection System — Pages 242-270:

114-25026 AMPMODU MTE Interconnection System

AMPMODU MT and Shielded MT Interconnection System — Pages 274-284:

114-25032 AMPMODU MT Interconnection System and Shielding Accessories, Application of

AMPMODU Level V, IDC Connectors —

114-25020 Interconnection System, IDC Level V, Application of

Mini-Tandem Spring Receptacle Contacts — Pages 285-288:

114-25021 Tandem Spring Receptacle Contact, Application of

Technical Documents for Wire-to-Board Products (Continued)

Instruction Sheets provide instructions for assembling or applying the product. They are intended for the Manufacturing Assembler or Operator.

Locking Clip Contacts and Housings — Pages 223-226:

- 408-7604 Tyco Electronics Extraction Tool 91084-1
- 408-7606 Tyco Electronics Locking Clip Contacts and Connectors
- 408-7627 Tyco Electronics Hand Crimp Tool 90295-1, 28-30 AWG Wire
- 408-8547 Tyco Electronics Hand Crimp Tool 91533-1, 22-26 AWG Wire
- 408-9388 Tyco Electronics Hand Crimp Tool 90431-1, 20 AWG Wire

Mod. IV Wire-Applied Contacts and Housings — Pages 227-237:

- 408-4379 Tyco Electronics PRO-CRIMPER II Hand Tool
- 408-7935 AMPMODU Receptacle Connectors with Strain Relief/Pull Tabs
- 408-8547 Tyco Electronics Hand Tool 91516-1, 91517-1 and 91541-1
- 408-9451 Tyco Electronics Extraction Tool 843473-1 for AMPMODU Wire-Applied Housings 86308
- 408-9453 Tyco Electronics Extraction Tools 843996 and 843477 for Removing AMPMODU Crimp Snap-In Receptacle Contacts from Wire-Applied Housings

AMPMODU MTE Interconnection System — Pages 242-270:

- 409-5746 Tyco Electronics Electric Power Unit 931800-1
- 409-5832 MTE Ribbon Cable Terminator 856002-1
- 408-6789 Tyco Electronics Pneumatic Pistol Handle 58075-1
- 408-6790 Tyco Electronics Manual Pistol Handle 58074-1
- 408-6919 AMPMODU MTE Connectors
- 408-8236 MTE Head Assembly for Discrete Wire or Flat Ribbon Cable
- 408-8547 Tyco Electronics Hand Crimp Tool 91518-1 and 91551-1
- 408-9230 Tyco Electronics Keying Tool 91417-1
- 408-9359 MTE Modular Terminating Head 58336-1
- 408-9393 Tyco Electronics Pneumatic Bench Assy. 58338-1
- 408-9407 Tyco Electronics Hand Crimp Tool 91531-1 and 58342-2
- 408-9453 Tyco Electronics Extraction Tools 843996 and 843477 for Removing AMPMODU Crimp Snap-In Receptacle Contacts from Wire-Applied Housings
- 408-9515 Ribbon Cable Notcher 854449-[]

AMPMODU MT and Shielded MT Interconnection System — Pages 274-284:

- 408-6532 AMPMODU MT Connectors
- 408-9453 Tyco Electronics Extraction Tools 843996 and 843477 for Removing AMPMODU Crimp Snap-In Receptacle Contacts from Wire-Applied Housings

AMPMODU Level V, IDC Connectors —

- 408-6843 Tyco Electronics Extraction Tool 91409-1

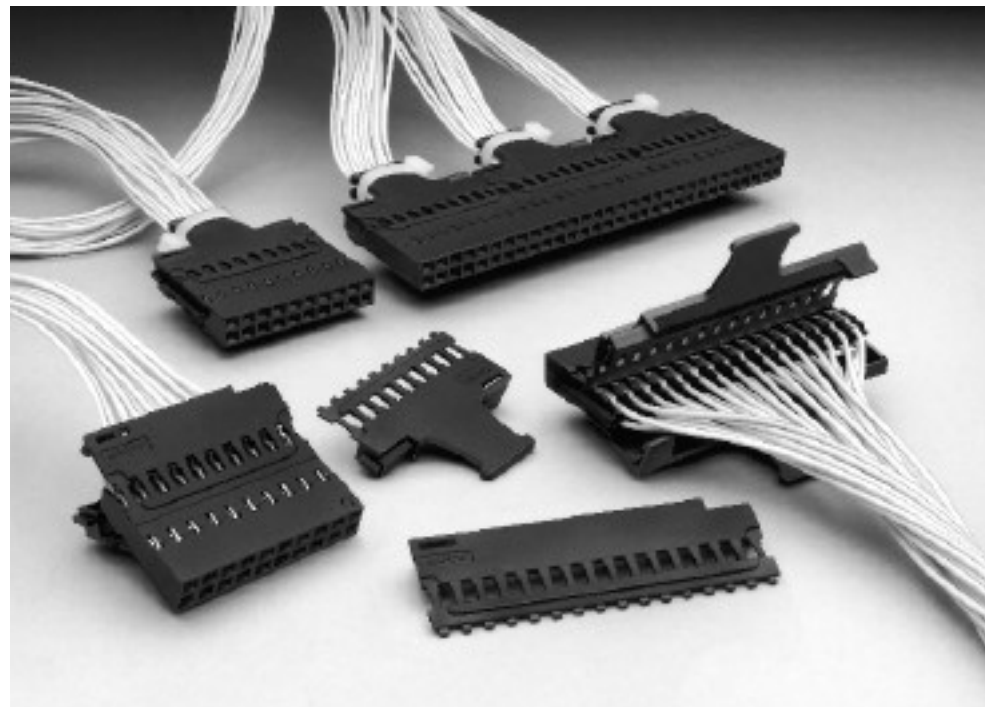
Standard Tandem Spring and Mini-Tandem Spring Receptacle Contacts — Pages 285-288:

- 408-7909 Tyco Electronics Hand Crimping Tool 91540-1

Level V IDC Connectors, .125 x .125 [3.18 x 3.18] Centerline

Product Facts

- Termination of discrete wire sizes 26-22 AWG [0.12-0.3 mm²] as well as jacketed cable and bonded ribbon cable (conductors separated)
- Connectors stackable end-to-end and side-to-side on .125 [3.18] centers
- Connectors preloaded with insulation displacement receptacle contacts
- Contact design employs dual cantilever beams, redundant insulation displacement slots, built-in post stop and wire support crimp
- Copper alloy contacts are duplex plated
- Snap-on covers with or without cable tie paddles
- Full line of mass termination tooling offers lowest installed costs for most production needs
- Recognized under the Component Program of Underwriters Laboratories Inc., File No. E28476
- Certified by Canadian Standards Association, File No. LR 7189



AMPMODU Level V IDC connectors provide cost effective discrete wire connections that are compatible with today's telecommunications packaging techniques. These AMP connectors are designed to mate with .025 [0.64] sq. posts on .125 x .125 [3.18 x 3.18] centers and are comprised of double-row housings preloaded with insulation displacement receptacle contacts, snap-on hermaphroditic covers, and a full line of mass termination tooling to meet virtually every production need. For modular flexibility, connectors can be stacked end-to-end or side-to-side, maintaining a .125 x .125 [3.18 x 3.18] centerline spacing.

Covers can be furnished with and without a cable tie paddle. The covers are simply snapped onto a housing after the connector has been terminated.

The receptacle contacts feature the AMP insulation displacement crimp technique for achieving top quality, low cost terminations. These contacts employ dual cantilever beams for redundant interface with a mating post, an integral post stop to limit post mating depth and protect the crimp termination, and a wire support (strain relief) crimp to prevent accidental wire pull-out. The contacts are made of high conductivity copper alloy and are duplex plated.

Performance Characteristics

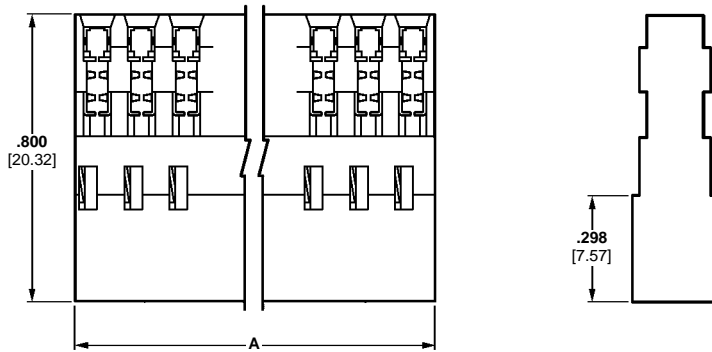
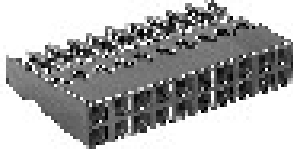
Contact Current Rating—3 amperes
Termination Resistance—12 milliohms (max.)

Durability—Ref. Tyco Electronics Product Specification 108-25028 (Interconnection System, Insulation Displacement Connector, IDC Level)

Application Specification 114-25020 (Interconnection System, IDC Level V, Application of)

Receptacle Assemblies, Double-Row, .125 x .125 [3.18 x 3.18] Centerline

Housings Preloaded with Insulation Displacement Crimp Receptacle Contacts

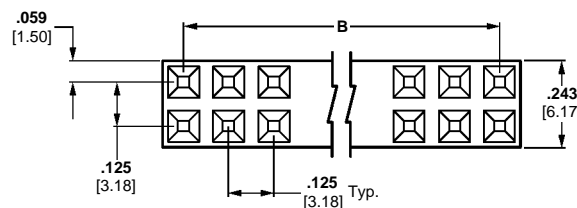


Material and Finish:

Housing—Black thermoplastic, flame retardant

Contacts—Copper alloy, duplex plated .000050 [0.00127] gold on contact area, .000100 [0.00254] min. bright tin-lead in crimp area, with entire contact underplated .000050 [0.00127] nickel

Note: Preloaded contacts accept max. insulation dia. of .050 [1.27]. The minimum point of contact, as measured from front edge of housing, is .095 [2.41].



Technical Documents (page 294, 295):

Product Specification 108-25028

Application Specification 114-25020

Receptacle assemblies can be stacked end-to-end and side-to-side on .125 x .125 [3.18 x 3.18] centers.

No. of Pos.	Dimensions		Receptacle Assembly (Stamped ¹) for 26-22 AWG [0.12-0.3 mm ²] Wire
	A	B	
8	.493 [12.52]	.375 [9.52]	102935-4
10	.618 [15.70]	.500 [12.70]	102935-6
12	.743 [18.87]	.625 [15.88]	102935-8
16	.993 [25.22]	.875 [22.23]	1-102935-2
20	1.243 [31.57]	1.125 [28.58]	1-102935-6
24	1.493 [37.92]	1.375 [34.93]	1-102935-9
32	1.993 [50.62]	1.875 [47.63]	2-102935-8
40	2.493 [63.32]	2.375 [60.33]	3-102935-6

¹White ink stamped, one side—8- thru 12-position with AMP and arrow; 14- and 16-position with AMP, part no., and arrow; 18- thru 40-position with AMP, part no., date code and arrow.

- Notes:**
- Covers for these housings are shown on pages 299 & 300.
 - Termination tooling for these connectors are shown on page 291 thru 293.
 - 14- and 18-position receptacle assemblies, as well as other sizes, can be made available upon request. Consult Tyco Electronics.

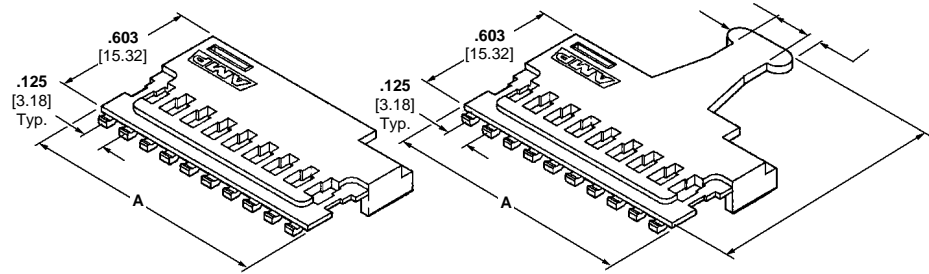
.125 [3.18] x .125 [3.18] Centerline

**Hermaphroditic Covers for Level V IDC Receptacle Assemblies,
Double-Row, .125 x .125 [3.18 x 3.18] Centerline**

All covers illustrated here and on the following page can be used on the double-row Level V IDC connectors shown on page 298.

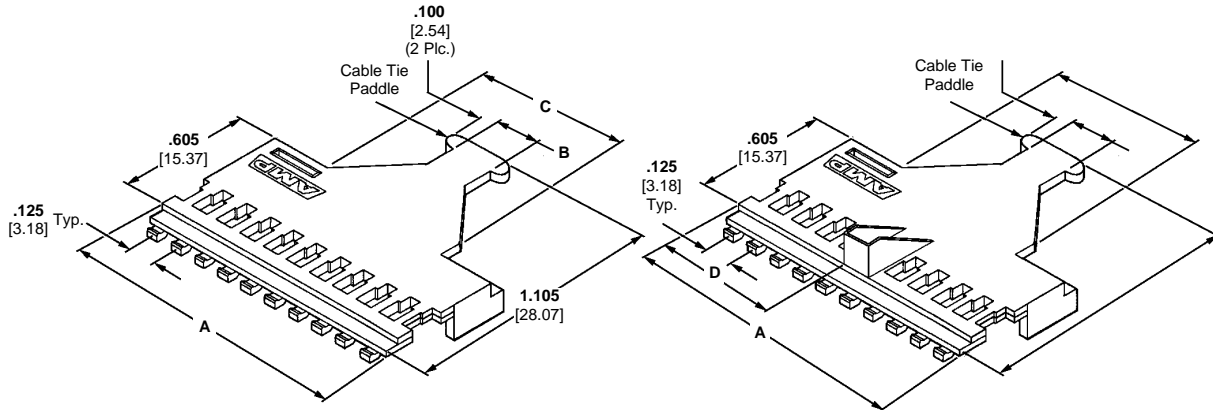
Material:

Black thermoplastic, flame retardant, 94V-0 rated



**Cover 103056 Series
without Cable Tie Paddle**

**Cover 103058 Series
with Cable Tie Paddle**



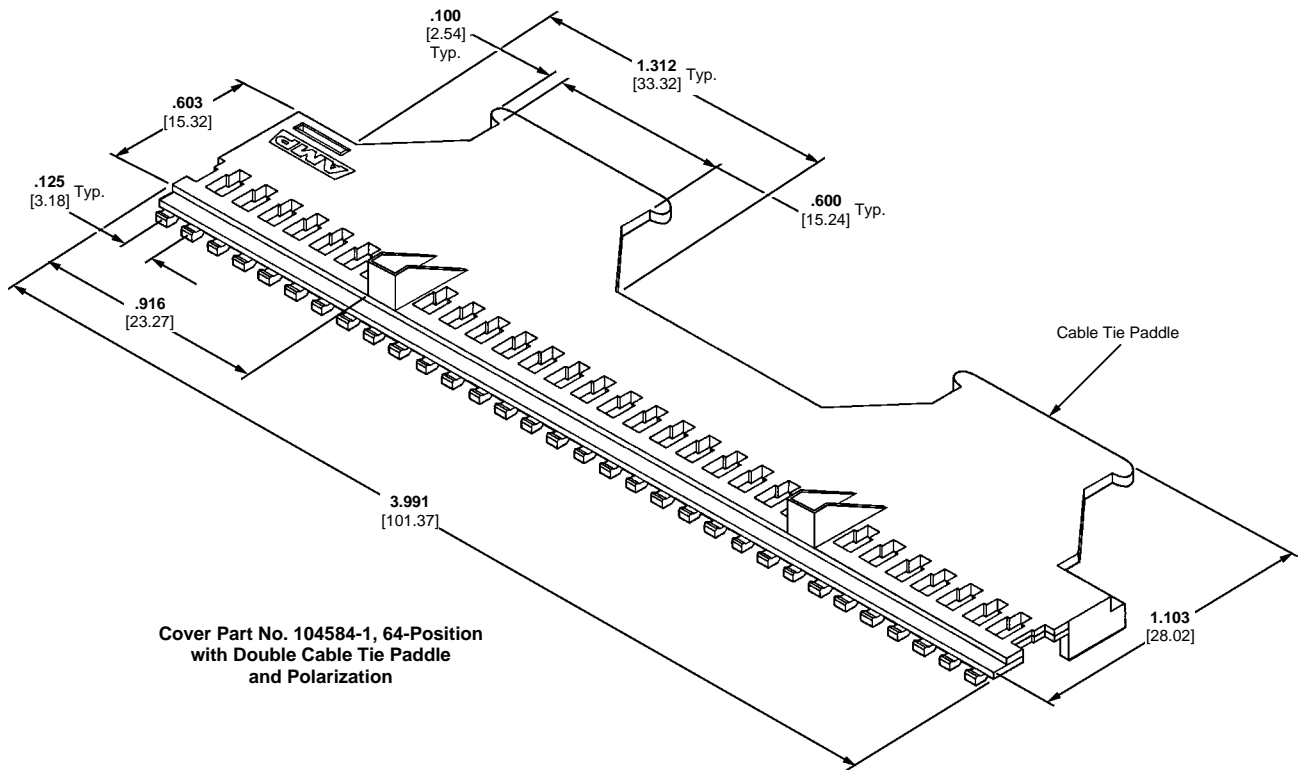
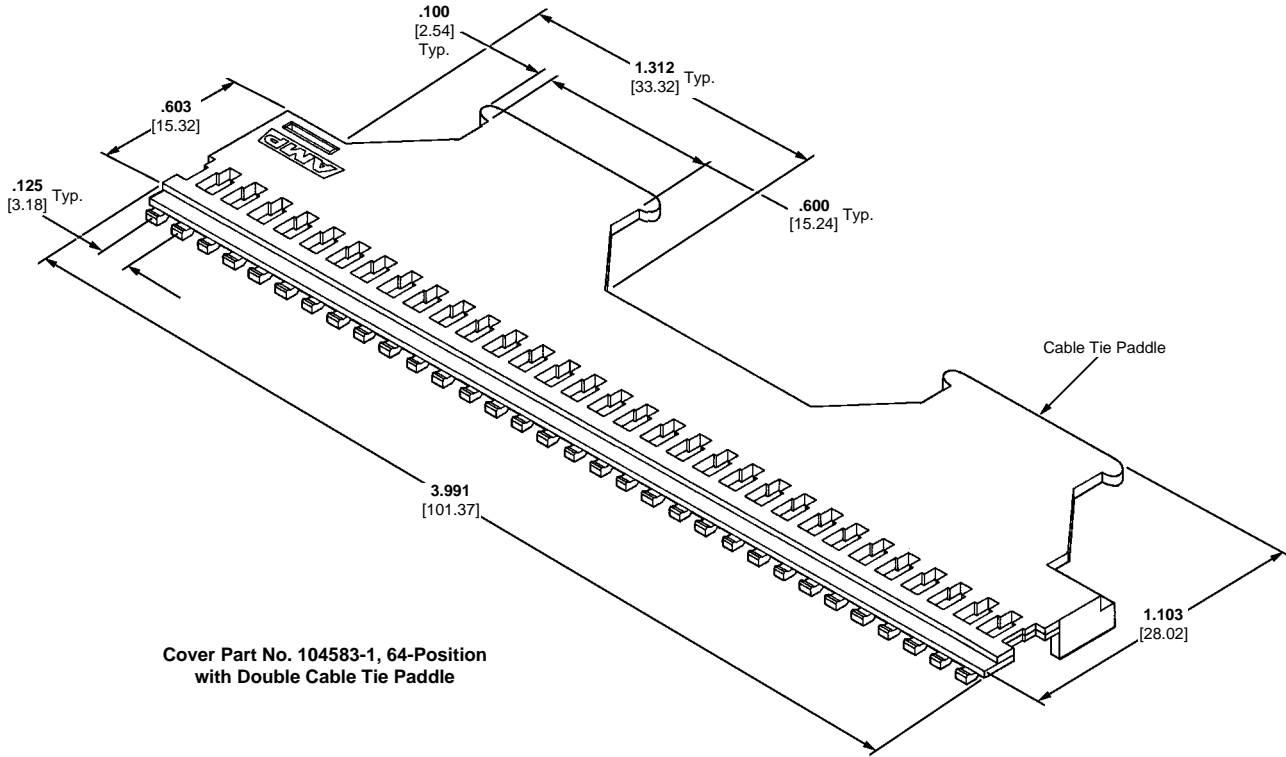
**Cover 103349 Series
with Wide Cable Tie Paddle**

**Cover 103350 Series
with Wide Cable Tie Paddle
and Polarization**

No. of Pos. (Housing Size)	Dimensions					Cover Part Nos.			
	A	B	C	D	E	Without Cable Tie Paddle	With Cable Tie Paddle	With Wide Cable Tie Paddle	With Wide Cable Tie Paddle and Polarization
8	.491 [12.47]	.150 [3.81]	.285 [7.24]	.166 [4.22]	.125 [3.18]	—	—	103349-4	103350-4
10	.616 [15.65]	—	—	—	.125 [3.18]	—	103058-3	—	—
12	.741 [18.82]	—	—	—	.200 [5.08]	—	103058-4	—	—
16	.991 [25.17]	.300 [7.62]	.592 [15.04]	.416 [10.57]	—	—	—	103349-1	103350-1
20	1.241 [31.52]	.300 [7.62]	.592 [15.04]	.541 [13.74]	—	—	—	103349-5	103350-5
24	1.491 [37.87]	—	—	—	.400 [10.16]	1-103056-0	1-103058-0	—	—
32	1.991 [50.57]	.600 [15.24]	1.312 [33.32]	.916 [23.27]	—	—	—	103349-2	103350-2
40	2.491 [63.27]	.750 [19.05]	1.820 [46.23]	1.166 [29.61]	—	—	—	103349-3	103350-3
64	See page 300 for Double Cable Tie Paddle versions.								

Notes: 1. Two hermaphroditic covers of any style can be installed on a double-row connector housing.
2. Other sizes can be made available upon request.

**Hermaphroditic Covers for Level V IDC Receptacle Assemblies,
Double-Row, .125 x .125 [3.18 x 3.18] Centerline**



.125 [3.18] x .125 [3.18]
Centerline