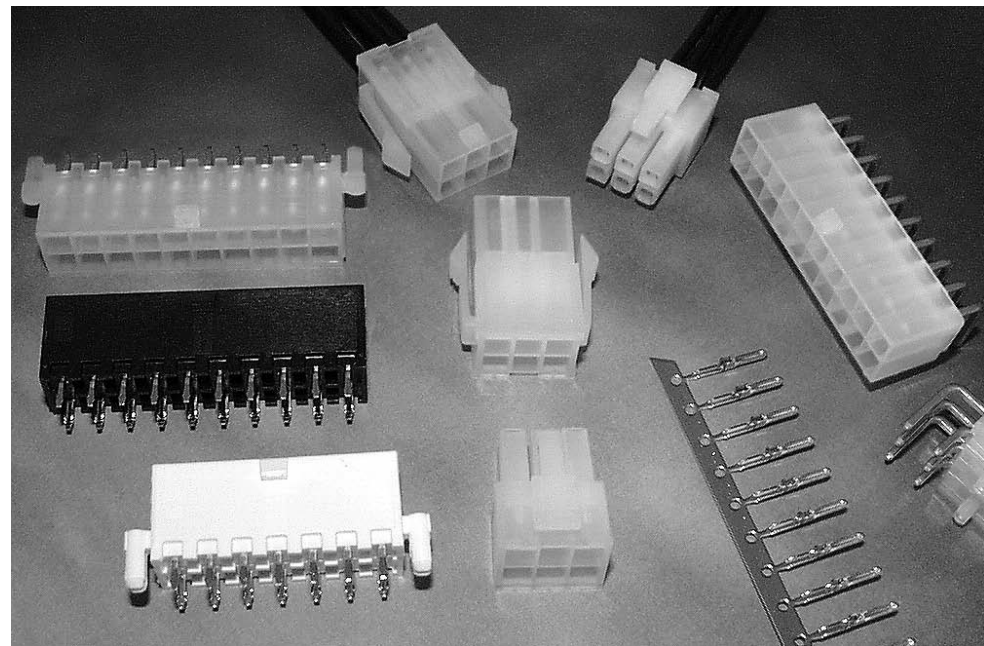


AMP-DUAC Connectors

Product Facts

- Wire-to-board and wire-to-wire connector system
- Free-hanging or panel mount plug housings
- Vertical header with or without mounting pegs and with or without drain holes
- Selective loading available on vertical headers
- 4.2 mm x 4.2 mm centerline
- Male and female contacts designed for 26-22 AWG and 22-18 AWG wire
- Receptacle housings accept female contacts with less orientation than competitive product
- Right-angle headers
- Designed for power applications
- Positive latch feature helps prevent disconnection
- AMP-DUAC (dual action) receptacle contacts
- Anti-stubbing contact design
- Polarized housings
- Intermateable with Molex Mini-Fit Jr. connectors
- Recognized under Component Program of Underwriters Laboratories Inc., File No. E28476
- Certified by Canadian Standards Association, File No. LR7189



AMP-DUAC Connectors, for power or signal applications, belong to the broad family of Tyco Electronics Soft Shell connectors.

The dual action design of the female receptacle contact provides for low insertion force, yet maintains high-performance current capacity. To help meet your production requirements, semiautomatic bench machines and hand tools are available for strip and loose piece contacts, respectively.

High density, 4.2 mm x 4.2 mm [.165 x .165] centerline, dual-row receptacle housings mate with plug housings (free-hanging or panel mount) or pc board headers (vertical or right-angle). Selective contact loading is available for vertical headers.

All housings are polarized for easier mating and locking latches help maintain reliable connections.

AMP-DUAC wire-to-board, wire-to-panel, and wire-to-wire connectors are intermateable with Molex Mini-Fit Jr. series connectors.

Technical Documents

- Product Specifications**
108-1699—Headers
108-19099—Receptacles
- Application Specification**
114-19048—Use of Receptacles
- Qualification Test Report**
501-434
501-576

Performance Data

- Voltage Rating**—600 VAC
- Current Rating**—9 amps maximum in 2 position applications
- Low Level Resistance**—10 megohms max.
- Dielectric Withstanding Voltage**—1500 VAC/min.
- Insulation Resistance**—1000 megohms minimum
- Operating Temperature**—-55°C to +105°C [-67°F to +221°F]

Need more information?

Call Technical Support.

Technical Support is staffed with specialists well versed in Tyco Electronics products. They can provide you with:

- Technical support
- Catalogs
- Technical Documents
- Product Samples
- Tyco Electronics Authorized Distributor Locations

AMP-DUAC Connectors (Continued)

Receptacle Housings

2-24 Position Housings

Accept female contacts.

Material

Housings—Nylon
UL 94V-2, Natural color
UL 94V-0, White color

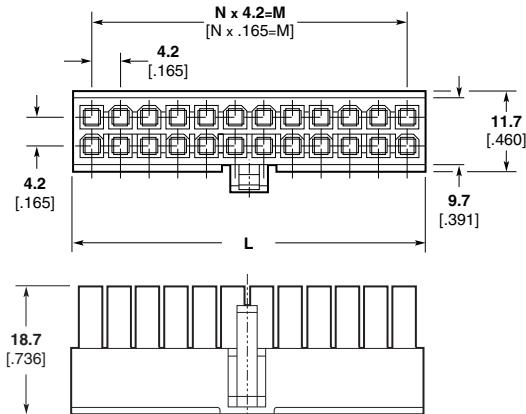
Related Product Data

Mate with—Vertical headers (pages 128-133), right-angle headers (page 128) and plug housings (page 127).

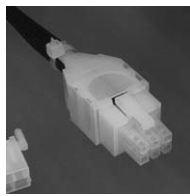
Contacts—See below.

Strain Relief—See below and page 127.

Technical Documents—pages 125 and 205-206



| Number of Positions | Dimensions | | | Part Number | |
|---------------------|---------------|---------------|----|------------------|----------------|
| | L | M | N | UL 94V-2 Natural | UL 94V-0 White |
| 2 | 5.5 .216 | — | 1 | 106527-2 | 794657-2 |
| 4 | 9.7 .381 | 4.2 .165 | 1 | 106527-4 | 794657-4 |
| 6 | 13.9 .547 | 8.4 .330 | 2 | 106527-6 | 794657-6 |
| 8 | 18.1 .712 | 12.6 .496 | 3 | 106527-8 | 794657-8 |
| 10 | 22.3 .877 | 16.8 .661 | 4 | 1-106527-0 | 1-794657-0 |
| 12 | 26.5 1.043 | 21.0 .826 | 5 | 1-106527-2 | 1-794657-2 |
| 14 | 30.7 1.208 | 25.2 .992 | 6 | 1-106527-4 | 1-794657-4 |
| 16 | 34.9 1.374 | 29.4 1.157 | 7 | 1-106527-6 | 1-794657-6 |
| 18 | 39.1 1.539 | 33.6 1.322 | 8 | 1-106527-8 | 1-794657-8 |
| 20 | 43.3 1.704 | 37.8 1.488 | 9 | 2-106527-0 | 2-794657-0 |
| 22 | 47.5 1.870 | 42.0 1.653 | 10 | 2-106527-2 | 2-794657-2 |
| 24 | 51.7 2.035 | 46.2 1.818 | 11 | 2-106527-4 | 2-794657-4 |



**Strain Relief, 6 Position
Part Number 1375618-1**

Used with plug or receptacle housings.

Wire Bundle Range—4.19-5.59
[.165-.220]

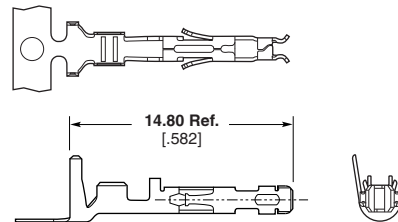
Material—Nylon,
UL 94V-2, Natural color

Female Contacts

Used in receptacle housings.

Material—Phos. Bronze

Application Tooling—See chart and pages 207-210



Technical Documents

Product Specifications
108-1699 AMP-DUAC Header
108-19099 AMP-DUAC Receptacle

Application Specification
114-19048 AMP-DUAC Receptacle Contact

| Wire Size Range AWG [mm ²] | Ins. Dia. Range | Plating | Part Number | | Applicator Part Number | | |
|---|---------------------------|---------|-------------|-------------|---------------------------------|--|-----------------------------------|
| | | | Strip Form | Loose Piece | for AMP-O-LECTRIC Bench Machine | for AMP-O-MATIC Stripper/Crimper Machine | CERTI-CRIMP Hand Tool Part Number |
| 22-18 [.3-.8] | 1.5-2.4 .059-.094 | Tin | 106529-2 | 1-106529-2 | 680308-□* | 567959-1 | 734202-2 |
| | | Gold | 1-794138-3 | 1-794141-3 | | | |
| 26-22 [.12-.3] | 1.3-1.75 .047-.069 | Tin | 106528-2 | 1-106528-2 | 680307-□* | 567960-1 | — |
| | | Gold | 1-794139-3 | 1-794142-3 | | | |
| 2@18 or 16 [.8-.9] [1.29] | 3.3 Total Max. .130 | Tin | 794418-1 | 794421-1 | 680350-□* | — | 90714-1 |
| | | Gold | 1-794140-3 | 1-794143-3 | | | |

Extraction Tool Part Number 188688-1

*Part Number suffix “-2” indicates Applicator for Model K Machine and “-3” for Model G Machine.

Note: All part numbers are RoHS Compliant.

High Density

AMP-DUAC Connectors
.165 [4.20] Centerline

AMP-DUAC Connectors (Continued)

Plug Housings

2-24 Position Housings

Accept male contacts.

Material

Housings—Nylon
UL 94V-2, Natural color
UL 94V-0, White color

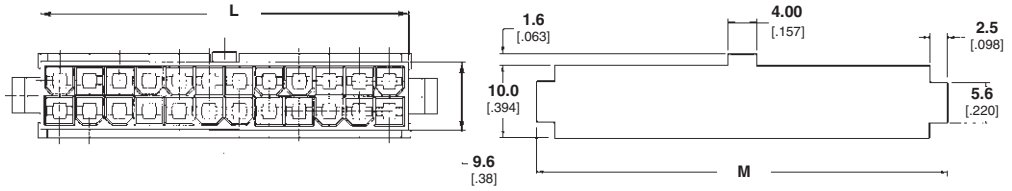
Related Product Data

Mate with—Receptacle housings (page 126)

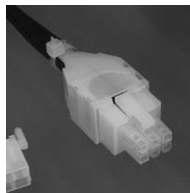
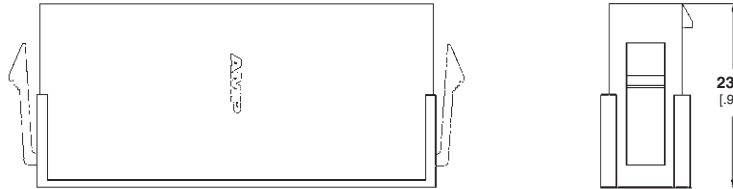
Contacts—See below.

Strain Relief—See below.

Technical Documents—pages 125 and 205-206



Recommended Cutout for 2.00 [.079] Max. Thick Panel



Strain Relief, 6 Position Part Number 1375618-1

Used with plug or receptacle housings.

Wire Bundle Range—4.19-5.59 [.165-.220]

Material—Nylon,
UL 94V-2, Natural color

| Number of Positions | Dimensions | | Part Number | | | |
|---------------------|---------------|---------------|-------------------|-------------|-----------------|-------------|
| | L | M | UL 94V-2, Natural | | UL 94V-0, White | |
| | | | Free-Hanging | Panel Mount | Free-Hanging | Panel Mount |
| 2 | 5.4 .213 | 10.8 .425 | 794542-2 | 794550-2 | *794594-2 | *794598-2 |
| 4 | 9.6 .378 | 15.0 .591 | 794542-4 | 794550-4 | *794594-4 | *794598-4 |
| 6 | 13.8 .543 | 19.2 .756 | 794542-6 | 794550-6 | *794594-6 | *794598-6 |
| 8 | 18.0 .709 | 23.4 .921 | 794542-8 | 794550-8 | *794594-8 | *794598-8 |
| 10 | 22.2 .874 | 27.6 1.087 | 1-794542-0 | 1-794550-0 | *1-794594-0 | *1-794598-0 |
| 12 | 26.4 1.039 | 31.8 1.252 | 1-794542-2 | 1-794550-2 | *1-794594-2 | *1-794598-2 |
| 14 | 30.6 .205 | 36.0 1.417 | 1-794542-4 | 1-794550-4 | *1-794594-4 | *1-794598-4 |
| 16 | 34.8 1.370 | 40.2 1.583 | 1-794542-6 | 1-794550-6 | *1-794594-6 | *1-794598-6 |
| 18 | 39.0 1.535 | 44.4 1.748 | 1-794542-8 | 1-794550-8 | *1-794594-8 | *1-794598-8 |
| 20 | 43.2 1.701 | 48.6 1.913 | 2-794542-0 | 2-794550-0 | *2-794594-0 | *2-794598-0 |
| 22 | 47.4 1.866 | 52.8 2.079 | 2-794542-2 | 2-794550-2 | *2-794594-2 | *2-794598-2 |
| 24 | 51.6 2.032 | 57.0 2.244 | 2-794542-4 | 2-794550-4 | *2-794594-4 | *2-794598-4 |

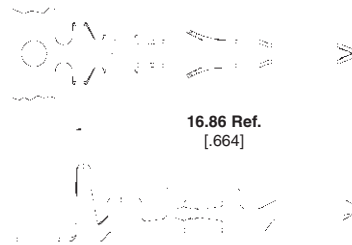
*Call for availability.

Male Contacts

Used in plug housings.

Material—Phos. Bronze

Application Tooling—See chart and pages 207-210



| Wire Size Range AWG [mm ²] | Ins. Dia. Range | Plating | Part Number | | Applicator Part Number | | |
|---|-----------------------|---------|-------------|-------------|---------------------------------|--|-----------------------------------|
| | | | Strip Form | Loose Piece | for AMP-O-LECTRIC Bench Machine | for AMP-O-MATIC Stripper/Crimper Machine | CERTI-CRIMP Hand Tool Part Number |
| 22-18 [.3-.8] | 1.5-2.4 .059-.094 | Tin | 794576-1 | 794577-1 | 680308-□* | 567959-1 | 734202-2 |
| | | Gold | 794576-4 | — | | | |
| 26-22 [.12-.3] | 1.3-1.75 .047-.069 | Tin | 794578-1 | 794579-1 | 680307-□* | 567960-1 | — |
| | | Gold | 794578-4 | — | | | |

*Part Number suffix “-2” indicates Applicator for Model K Machine and “-3” for Model G Machine.

Note: All part numbers are RoHS Compliant.

AMP-DUAC Connectors (Continued)

Vertical Header Assemblies

**2, 4 and 6 Position,
with and without Pegs and
with and without Drain
Holes**

Material and Finish

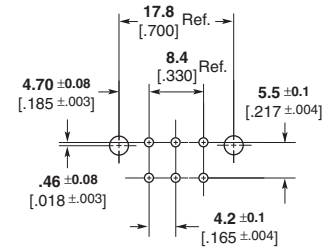
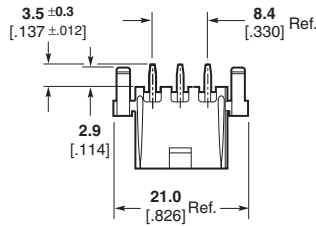
Housing—Nylon
UL 94V-2, Natural color
UL 94V-0, White color

Contacts—0.25 [.010] thick copper alloy

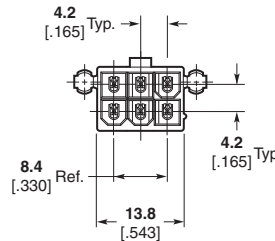
Related Product Data

Mate with—Receptacle housings (page 126).

Technical Documents—pages 125 and 205-206



Recommended PC Board Layout



| Number of Positions | PCB Pegs | Drain Holes | Plating | Part Number | |
|---------------------|----------|-------------|---------|-------------------|-----------------|
| | | | | UL 94V-2, Natural | UL 94V-0, White |
| 2 | N | N | Tin | 1586491-2 | 1586495-2 |
| | N | N | 30 Gold | 1586492-2 | 1586496-2 |
| | Y | N | Tin | 1586489-2 | 1586493-2 |
| | Y | N | 30 Gold | 1586490-2 | 1586494-2 |
| | N | Y | Tin | 1-794349-1 | 1-794543-1 |
| | N | Y | 30 Gold | 1-794349-2 | 1-794543-2 |
| | Y | Y | Tin | 1-794302-1 | 1-794540-1 |
| | Y | Y | 30 Gold | 1-794302-2 | 1-794540-2 |
| 4 | Y | N | Tin | 1586489-4 | 1586493-4 |
| | Y | N | 30 Gold | 1586490-4 | 1586494-4 |
| | N | N | Tin | 1586491-4 | 1586495-4 |
| | N | N | 30 Gold | 1586492-4 | 1586496-4 |
| | Y | Y | Tin | 1-794303-1 | 1-794466-1 |
| | Y | Y | 30 Gold | 1-794303-2 | 1-794466-2 |
| | N | Y | Tin | 1-794350-1 | 1-794484-1 |
| | N | Y | 30 Gold | 1-794350-2 | 1-794484-2 |
| 6 | Y | Y | Tin | 1-794304-1 | 1-794467-1 |
| | Y | Y | 30 Gold | 1-794304-2 | 1-794467-2 |
| | N | Y | Tin | 1-794351-1 | 1-794485-1 |
| | N | Y | 30 Gold | 1-794351-2 | 1-794485-2 |
| | Y | N | Tin | 1586489-6 | 1586493-6 |
| | Y | N | 30 Gold | 1586490-6 | 1586494-6 |
| | N | N | Tin | 1586491-6 | 1586495-6 |
| | N | N | 30 Gold | 1586492-6 | 1586496-6 |

Note: All part numbers are RoHS Compliant.

High Density

AMP-DUAC Connectors
.165 [4.20] Centerline

AMP-DUAC Connectors (Continued)

Vertical Header Assemblies
(Continued)

**8 and 10 Position,
with and without Pegs and
with and without Drain
Holes**

Material and Finish

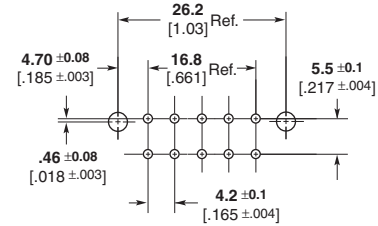
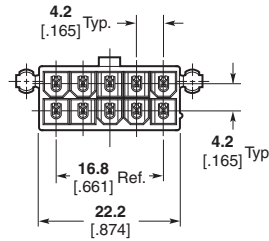
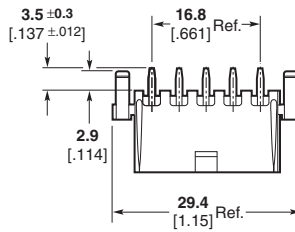
Housing—Nylon
UL 94V-2, Natural color
UL 94V-0, White color

Contacts—0.25 [.010] thick copper alloy

Related Product Data

Mate with—Receptacle housings (page 126).

Technical Documents—pages 125 and 205-206



Recommended PC Board Layout

| Number of Positions | PCB Pegs | Drain Holes | Plating | Part Number | |
|---------------------|----------|-------------|---------|-------------------|-----------------|
| | | | | UL 94V-2, Natural | UL 94V-0, White |
| 8 | Y | N | Tin | 1586489-8 | 1586493-8 |
| | Y | N | 30 Gold | 1586490-8 | 1586494-8 |
| | N | N | Tin | 1586491-8 | 1586495-8 |
| | N | N | 30 Gold | 1586492-8 | 1586496-8 |
| | Y | Y | Tin | 1-794305-1 | 1-794468-1 |
| | Y | Y | 30 Gold | 1-794305-2 | 1-794468-2 |
| | N | Y | Tin | 1-794352-1 | 1-794486-1 |
| | N | Y | 30 Gold | 1-794352-2 | 1-794486-2 |
| 10 | Y | N | Tin | 1-1586489-0 | 1-1586493-0 |
| | Y | N | 30 Gold | 1-1586490-0 | 1-1586494-0 |
| | N | N | Tin | 1-1586491-0 | 1-1586495-0 |
| | N | N | 30 Gold | 1-1586492-0 | 1-1586496-0 |
| | Y | Y | Tin | 1-794306-1 | 1-794469-1 |
| | Y | Y | 30 Gold | 1-794306-2 | 1-794469-2 |
| | N | Y | Tin | 1-794353-1 | 1-794487-1 |
| | N | Y | 30 Gold | 1-794353-2 | 1-794487-2 |

Note: All part numbers are RoHS Compliant.

High Density

AMP-DUAC Connectors
.165 [.420] Centerline

AMP-DUAC Connectors (Continued)

Vertical Header Assemblies
(Continued)

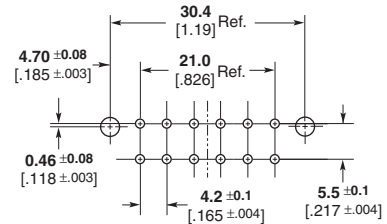
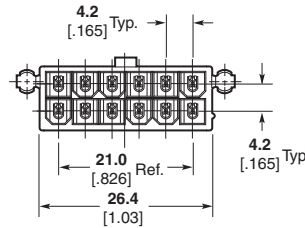
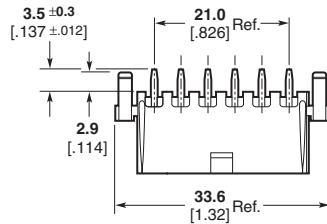
**12 Position,
with and without Pegs and
with and without Drain
Holes**

Material and Finish

Housing—Nylon
UL 94V-2, Natural color
UL 94V-0, White color
Contacts—0.25 [.010] thick copper alloy

Related Product Data

Mate with—Receptacle housings (page 126).
Technical Documents—pages 125 and 205-206



Recommended PC Board Layout

| Number of Positions | PCB Pegs | Drain Holes | Plating | Part Number | |
|---------------------|----------|-------------|---------|-------------------|-----------------|
| | | | | UL 94V-2, Natural | UL 94V-0, White |
| 12 | Y | N | Tin | 1-1586489-2 | 1-1586493-2 |
| | Y | N | 30 Gold | 1-1586490-2 | 1-1586494-2 |
| | N | N | Tin | 1-1586491-2 | 1-1586495-2 |
| | N | N | 30 Gold | 1-1586492-2 | 1-1586496-2 |
| | Y | Y | Tin | 1-794307-1 | 1-794470-1 |
| | Y | Y | 30 Gold | 1-794307-2 | 1-794470-2 |
| | N | Y | Tin | 1-794354-1 | 1-794488-1 |
| | N | Y | 30 Gold | 1-794354-2 | 1-794488-2 |

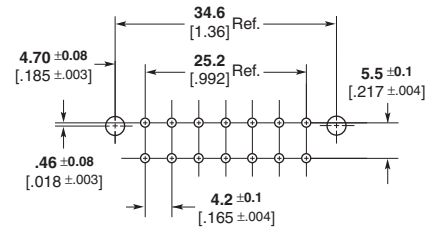
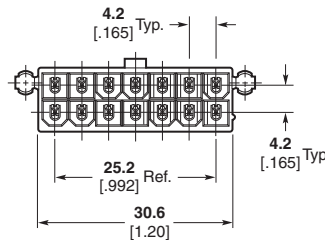
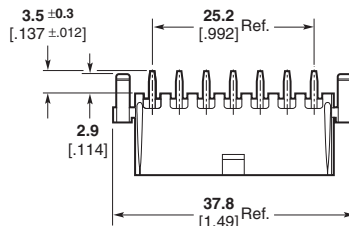
**14 Position,
with and without Pegs and
with and without Drain
Holes**

Material and Finish

Housing—Nylon
UL 94V-2, Natural color
UL 94V-0, White color
Contacts—0.25 [.010] thick copper alloy

Related Product Data

Mate with—Receptacle housings (page 126).
Technical Documents—pages 125 and 205-206



Recommended PC Board Layout

| Number of Positions | PCB Pegs | Drain Holes | Plating | Part Number | |
|---------------------|----------|-------------|---------|-------------------|-----------------|
| | | | | UL 94V-2, Natural | UL 94V-0, White |
| 14 | Y | N | Tin | 1-1586489-4 | 1-1586493-4 |
| | Y | N | 30 Gold | 1-1586490-4 | 1-1586494-4 |
| | N | N | Tin | 1-1586491-4 | 1-1586495-4 |
| | N | N | 30 Gold | 1-1586492-4 | 1-1586496-4 |
| | Y | Y | Tin | 1-794308-1 | 1-794453-1 |
| | Y | Y | 30 Gold | 1-794308-2 | 1-794453-2 |
| | N | Y | Tin | 1-794355-1 | 1-794489-1 |
| | N | Y | 30 Gold | 1-794355-2 | 1-794489-2 |

Note: All part numbers are RoHS Compliant.

High Density

AMP-DUAC Connectors
.165 [4.20] Centerline

AMP-DUAC Connectors (Continued)

Vertical Header Assemblies
(Continued)

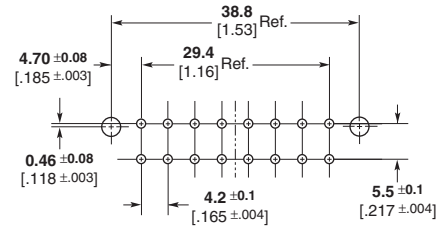
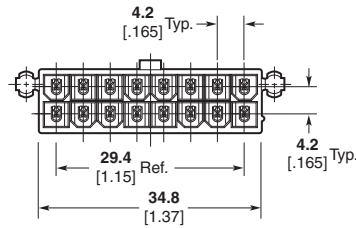
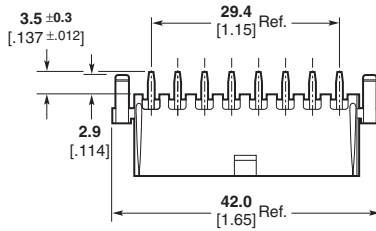
**16 Position,
with and without Pegs and
with and without Drain
Holes**

Material and Finish

Housing—Nylon
UL 94V-2, Natural color
UL 94V-0, White color
Contacts—0.25 [.010] thick copper alloy

Related Product Data

Mate with—Receptacle housings (page 126).
Technical Documents—pages 125 and 205-206



Recommended PC Board Layout

| Number of Positions | PCB Pegs | Drain Holes | Plating | Part Number | |
|---------------------|----------|-------------|---------|-------------------|-----------------|
| | | | | UL 94V-2, Natural | UL 94V-0, White |
| 16 | Y | N | Tin | 1-1586489-6 | 1-1586493-6 |
| | Y | N | 30 Gold | 1-1586490-6 | 1-1586494-6 |
| | N | N | Tin | 1-1586491-6 | 1-1586495-6 |
| | N | N | 30 Gold | 1-1586492-6 | 1-1586496-6 |
| | Y | Y | Tin | 1-794309-1 | 1-794429-1 |
| | Y | Y | 30 Gold | 1-794309-2 | 1-794429-2 |
| | N | Y | Tin | 1-794356-1 | 1-794490-1 |
| | N | Y | 30 Gold | 1-794356-2 | 1-794490-2 |

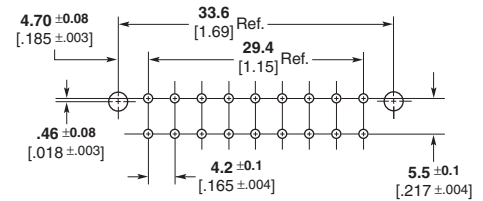
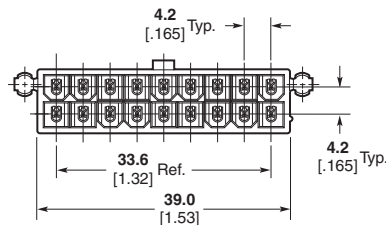
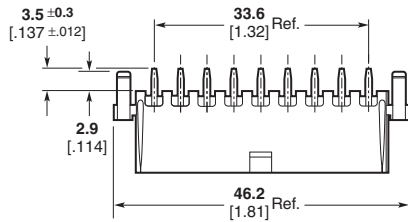
**18 Position,
with and without Pegs and
with and without Drain
Holes**

Material and Finish

Housing—Nylon
UL 94V-2, Natural color
UL 94V-0, White color
Contacts—0.25 [.010] thick copper alloy

Related Product Data

Mate with—Receptacle housings (page 126).
Technical Documents—pages 125 and 205-206



Recommended PC Board Layout

| Number of Positions | PCB Pegs | Drain Holes | Plating | Part Number | |
|---------------------|----------|-------------|---------|-------------------|-----------------|
| | | | | UL 94V-2, Natural | UL 94V-0, White |
| 18 | Y | N | Tin | 1-1586489-8 | 1-1586493-8 |
| | Y | N | 30 Gold | 1-1586490-8 | 1-1586494-8 |
| | N | N | Tin | 1-1586491-8 | 1-1586495-8 |
| | N | N | 30 Gold | 1-1586492-8 | 1-1586496-8 |
| | Y | Y | Tin | 1-794310-1 | 1-794454-1 |
| | Y | Y | 30 Gold | 1-794310-2 | 1-794454-2 |
| | N | Y | Tin | 1-794357-1 | 1-794491-1 |
| | N | Y | 30 Gold | 1-794357-2 | 1-794491-2 |

Note: All part numbers are RoHS Compliant.

AMP-DUAC Connectors (Continued)

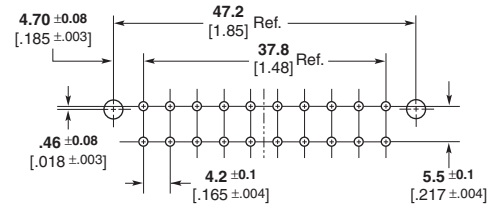
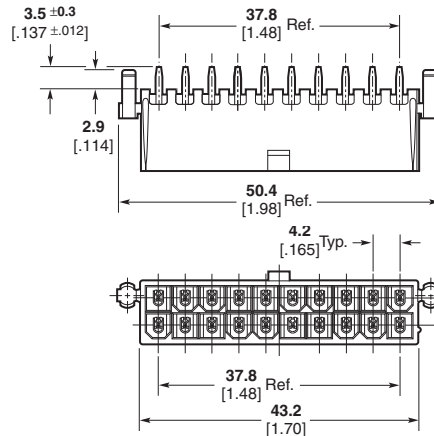
Vertical Header Assemblies (Continued)

20 Position, with and without Pegs and with and without Drain Holes

Material and Finish

Housing—Nylon
UL 94V-2, Natural color
UL 94V-0, White color

Contacts—0.25 [.010] thick copper alloy



Recommended PC Board Layout

Related Product Data

Mate with—Receptacle housings (page 126).

Technical Documents—pages 125 and 205-206

| Number of Positions | PCB Pegs | Drain Holes | Plating | Part Number | |
|---------------------|----------|-------------|---------|-------------------|-----------------|
| | | | | UL 94V-2, Natural | UL 94V-0, White |
| 20 | Y | N | Tin | 2-1586489-0 | 2-1586493-0 |
| | Y | N | 30 Gold | 2-1586490-0 | 2-1586494-0 |
| | N | N | Tin | 2-1586491-0 | 2-1586495-0 |
| | N | N | 30 Gold | 2-1586492-0 | 2-1586496-0 |
| | Y | Y | Tin | 1-794311-1 | 1-794455-1 |
| | Y | Y | 30 Gold | 1-794311-2 | 1-794455-2 |
| | N | Y | Tin | 1-794358-1 | 1-794492-1 |
| | N | Y | 30 Gold | 1-794358-2 | 1-794492-2 |

High Temperature Headers

IR Reflow compatible, UL 94V-0, Black color

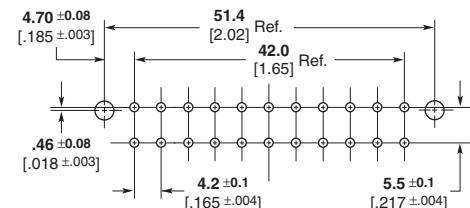
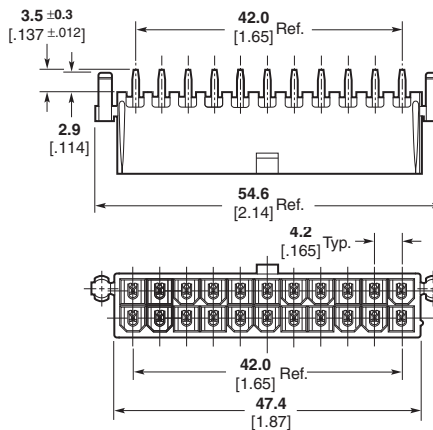
| Number of Positions | PCB Pegs | Drain Holes | Plating | Part Number |
|---------------------|----------|-------------|---------|-----------------|
| | | | | UL 94V-0, Black |
| 20 | N | N | Tin | 1-794415-1 |
| | N | N | 30 Gold | 1-794415-2 |

22 Position, with and without Pegs and with and without Drain Holes

Material and Finish

Housing—Nylon
UL 94V-2, Natural color
UL 94V-0, White color

Contacts—0.25 [.010] thick copper alloy



Recommended PC Board Layout

Related Product Data

Mate with—Receptacle housings (page 126).

Technical Documents—pages 125 and 205-206

| Number of Positions | PCB Pegs | Drain Holes | Plating | Part Number | |
|---------------------|----------|-------------|---------|-------------------|-----------------|
| | | | | UL 94V-2, Natural | UL 94V-0, White |
| 22 | Y | N | Tin | 2-1586489-2 | 2-1586493-2 |
| | Y | N | 30 Gold | 2-1586490-2 | 2-1586494-2 |
| | N | N | Tin | 2-1586491-2 | 2-1586495-2 |
| | N | N | 30 Gold | 2-1586492-2 | 2-1586496-2 |
| | Y | Y | Tin | 1-794312-1 | 1-794471-1 |
| | Y | Y | 30 Gold | 1-794312-2 | 1-794471-2 |
| | N | Y | Tin | 1-794359-1 | 1-794493-1 |
| | N | Y | 30 Gold | 1-794359-2 | 1-794493-2 |

Note: All part numbers are RoHS Compliant.

AMP-DUAC Connectors (Continued)

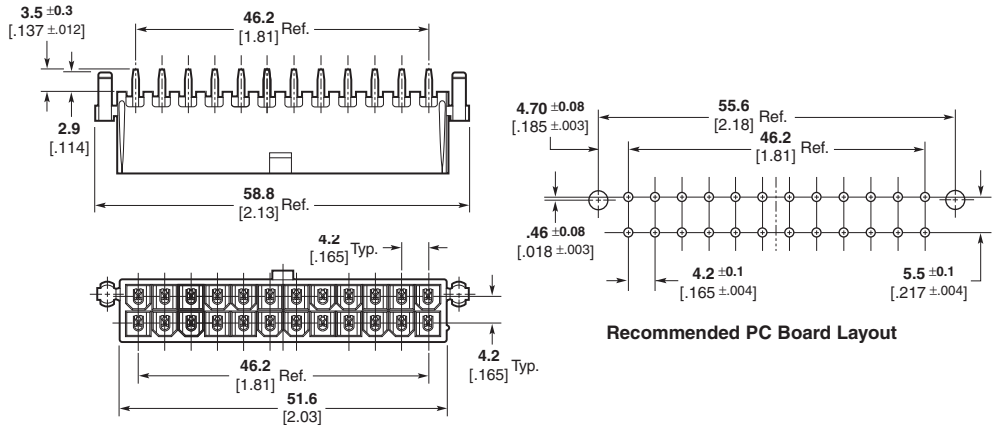
Vertical Header Assemblies (Continued)

24 Position, with and without Pegs and with and without Drain Holes

Material and Finish

Housing—Nylon
UL 94V-2, Natural color
UL 94V-0, White color

Contacts—0.25 [.010] thick copper alloy



Recommended PC Board Layout

Related Product Data

Mate with—Receptacle housings (page 126).

Technical Documents—pages 125 and 205-206

| Number of Positions | PCB Pegs | Drain Holes | Plating | Part Number | |
|---------------------|----------|-------------|---------|-------------------|-----------------|
| | | | | UL 94V-2, Natural | UL 94V-0, White |
| 24 | Y | N | Tin | 2-1586489-4 | 2-1586493-4 |
| | Y | N | 30 Gold | 2-1586490-4 | 2-1586494-4 |
| | N | N | Tin | 2-1586491-4 | 2-1586495-4 |
| | N | N | 30 Gold | 2-1586492-4 | 2-1586496-4 |
| | Y | Y | Tin | 794313-3 | 1-794472-1 |
| | Y | Y | 30 Gold | 794313-4 | 1-794472-2 |
| | N | Y | Tin | 1-794360-1 | 1-794494-1 |
| | N | Y | 30 Gold | 1-794360-2 | 1-794494-2 |

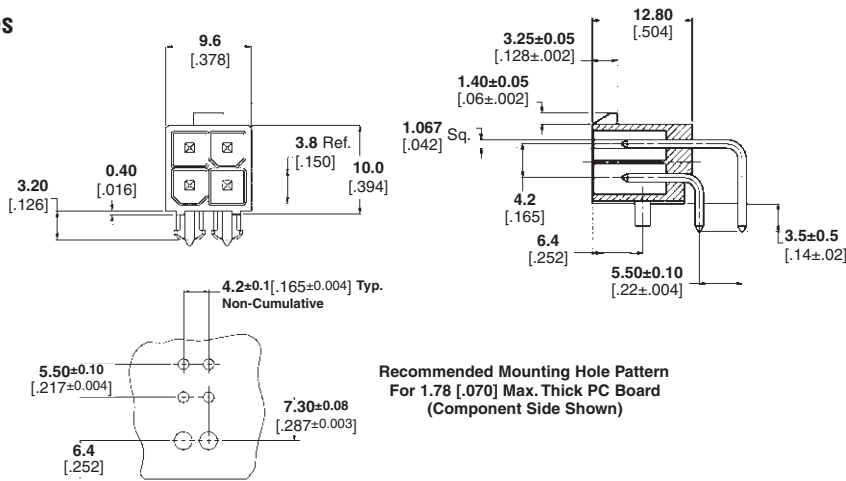
Right-Angle Header Assemblies

2-24 Position, with Pegs and without Drain Holes

Material and Finish

Housing—Nylon
UL 94V-2, Natural color
UL 94V-0, White color

Contacts—Copper alloy



Recommended Mounting Hole Pattern For 1.78 [.070] Max. Thick PC Board (Component Side Shown)

| Number of Positions | PCB Pegs | Drain Holes | Plating | Part Number | |
|---------------------|----------|-------------|---------|-------------------|-----------------|
| | | | | UL 94V-2, Natural | UL 94V-0, White |
| 2 | Y | N | Tin | 1-794507-1 | 1-794526-1 |
| 4 | Y | N | Tin | 1-794508-1 | 1-794527-1 |
| 6 | Y | N | Tin | 1-794448-1 | 1-794528-1 |
| 8 | Y | N | Tin | 1-794509-1 | 1-794529-1 |
| 10 | Y | N | Tin | 1-794510-1 | 1-794530-1 |
| 12 | Y | N | Tin | 1-794511-1 | 1-794531-1 |
| 14 | Y | N | Tin | 1-794512-1 | 1-794532-1 |
| 16 | Y | N | Tin | 1-794513-1 | 1-794533-1 |
| 18 | Y | N | Tin | 1-794514-1 | 1-794588-1 |
| 20 | Y | N | Tin | 1-794449-1 | 1-794534-1 |
| 22 | Y | N | Tin | 1-794515-1 | 1-794589-1 |
| 24 | Y | N | Tin | 1-794516-1 | 1-794590-1 |

Note: All part numbers are RoHS Compliant.