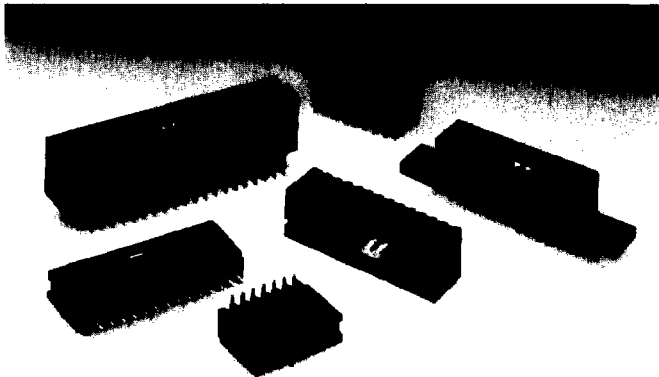


## Standard and Low Profile Headers—Shrouded

**Specifications subject to change.**  
For latest design specifications...  
**1-800-522-6752**

**Dimensioning:**  
Dimensions are in inches

### Standard Headers—Shrouded



### Product Facts

- Available in several styles—right-angle with three- and four-sided pin protection, and straight post with pin protection and mounting ears
- Can be used for feed-to and feed-thru applications
- Housings are black thermoplastic, flame retardant 94V-0 rated
- Contacts are copper alloy
- Available in gold duplex, gold over nickel and tin-lead over nickel platings
- Headers with .066 and .150 end dimensions are available in select sizes up to 60 positions

- Can be select loaded, consult AMP Incorporated

- Recognized under the Component Program of Underwriters Laboratories Inc., File No. E28476



- Certified by Canadian Standards Association, File No. LR 16455



### Performance Characteristics:

#### Electrical

**Insulation Resistance**—5,000 megohms minimum initial

**Dielectric Withstanding Voltage**—750 RMS at sea level

#### Environmental

#### Operating Temperature—

-- 65° C to + 105° C (black thermoplastic housings)

**Current**—3 amperes maximum per contact

## Standard Profile Headers— Shrouded Single Row, .100 Centers

Specifications subject to change.  
For latest design specifications...  
1-800-522-6752

Dimensioning:  
Dimensions are in inches

### .025 Square Straight Post (with Standoffs)

#### Material:

**Housing**—Black thermoplastic,  
flame retardant

**Contacts**—Copper alloy

#### Related Product Data:

**Mateable Connectors:**

**AMPMODU Wire-Applied**

**Receptacles** - pages 3162 & 3163

**Flexible Film Connectors** -

Catalog 82007

**AMPMODU MTE Connectors** -

Catalog 82160

**Technical Documents** - page 3223

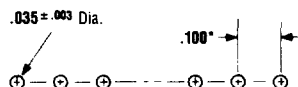
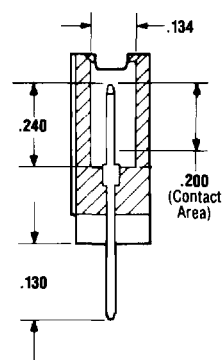
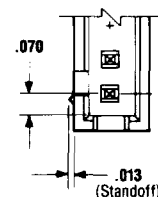
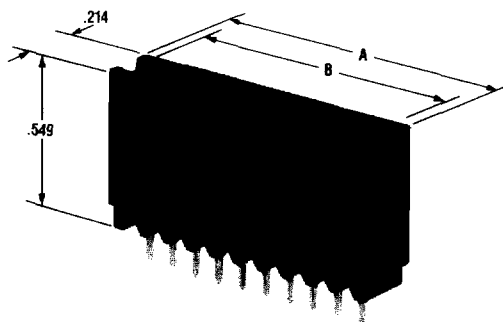
#### Plating Specifications:

**Duplex C**—.000030 gold on  
contact area, .000100-.000200 tin-  
lead on solder area, with entire  
post underplated .000050 nickel

**Duplex D**—.000015 gold on  
contact area, .000100-.000200 tin-  
lead on solder area, with entire  
post underplated .000050 nickel

#### Tin-Lead/Nickel—

.000100-.000200 tin-lead over  
.000050 nickel on entire post



Recommended PC Board Hole Layout

\* ± .003 tolerances not to accumulate within one connector pattern.

| No.<br>of<br>Pos. | Dimensions |       | Packaging<br>Quantity | Post Plating |            |                 |
|-------------------|------------|-------|-----------------------|--------------|------------|-----------------|
|                   | A          | B     |                       | Duplex C     | Duplex D   | Tin-Lead/Nickel |
| 3                 | .420       | .340  | 100                   | 103414-1     | 3-102202-4 | 103080-1        |
| 4                 | .520       | .440  | 100                   | 103414-2     | 102202-1   | 103080-2        |
| 5                 | .620       | .540  | 100                   | 103414-3     | 102202-2   | 103080-3        |
| 6                 | .720       | .640  | 100                   | 103414-4     | 102202-3   | 103080-4        |
| 7                 | .820       | .740  | 100                   | 103414-5     | 102202-4   | 103080-5        |
| 8                 | .920       | .840  | 100                   | 103414-6     | 102202-5   | 103080-6        |
| 10                | 1.120      | 1.040 | 100                   | 103414-8     | 102202-7   | 103080-8        |
| 12                | 1.320      | 1.240 | 100                   | 1-103414-0   | 102202-9   | 1-103080-0      |
| 14                | 1.520      | 1.440 | 100                   | 1-103414-2   | 1-102202-1 | 1-103080-2      |
| 20                | 2.120      | 2.040 | 100                   | 1-103414-8   | 1-102202-7 | —               |
| 22                | 2.320      | 2.240 | 100                   | 2-103414-0   | 1-102202-9 | —               |

## Standard Profile Headers— Shrouded Single Row, .100 Centers

**Specifications subject to change.  
For latest design specifications...  
1-800-522-6752**

**Dimensioning:**  
Dimensions are in inches

### .025 Square Right-Angle Post (with Standoffs)

#### Material:

**Housing**—Black thermoplastic,  
flame retardant

**Contacts**—Copper alloy

#### Related Product Data:

##### Mateable Connectors:

**AMPMODU Wire-Applied  
Receptacles** - pages 3162 & 3163

**Flexible Film Connectors** -  
Catalog 82007

**AMPMODU MTE Connectors** -  
Catalog 82160

**Technical Documents** -  
page 3223

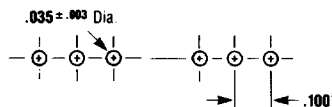
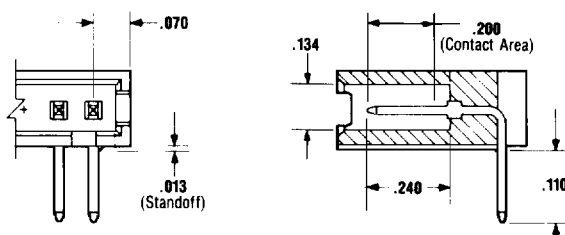
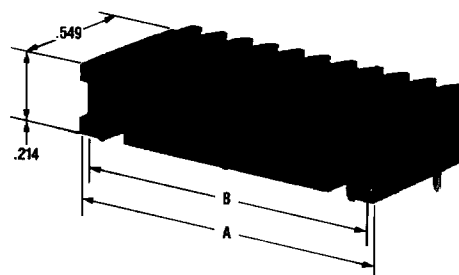
#### Plating Specifications:

**Duplex C**—.000030 gold on  
contact area, .000100-.000200 tin-  
lead on solder area, with entire  
post underplated .000050 nickel

**Duplex D**—.000015 gold on  
contact area, .000100-.000200 tin-  
lead on solder area, with entire  
post underplated .000050 nickel

##### Tin-Lead/Nickel—

.000100-.000200 tin-lead over  
.000050 nickel on entire post



**Recommended Pc Board Hole Layout**

\* ± .003 tolerances not to accumulate within one connector pattern.

| No.<br>of<br>Pos. | Dimensions |       | Packaging<br>Quantity | Post Plating |            |                 |
|-------------------|------------|-------|-----------------------|--------------|------------|-----------------|
|                   | A          | B     |                       | Duplex C     | Duplex D   | Tin-Lead/Nickel |
| 3                 | .420       | .340  | 100                   | 103361-1     | 3-102203-4 | 102523-2        |
| 4                 | .520       | .440  | 100                   | 103361-2     | 102203-1   | 102523-1        |
| 5                 | .620       | .540  | 100                   | 103361-3     | 102203-2   | 102523-3        |
| 6                 | .720       | .640  | 100                   | 103361-4     | 102203-3   | 102523-4        |
| 7                 | .820       | .740  | 100                   | 103361-5     | 102203-4   | 102523-5        |
| 8                 | .920       | .840  | 100                   | 103361-6     | 102203-5   | 102523-6        |
| 10                | 1.120      | 1.040 | 100                   | 103361-8     | 102203-7   | 102523-8        |
| 12                | 1.320      | 1.240 | 100                   | 1-103361-0   | 102203-9   | 1-102523-0      |
| 14                | 1.520      | 1.440 | 100                   | 1-103361-2   | 1-102203-1 | 1-102523-2      |
| 24                | 2.520      | 2.440 | 100                   | 2-103361-2   | 2-102203-1 | —               |

Specifications subject to change.  
For latest design specifications...  
1-800-522-6752

Dimensioning:  
Dimensions are in inches

## Standard Profile Headers— Shrouded with .066 End Dimension Double Row, .100 x .100 Centers

### .025 Square Straight Post (with Detent Windows)

#### Material:

**Housing**—Black thermoplastic,  
flame retardant

**Contacts**—Copper alloy

#### Related Product Data:

##### Mateable Connectors:

**AMPMODU Board Mount  
Receptacles** - pages 3150,  
3151, 3154, 3155 & 3157

**AMPMODU Wire-Applied  
Receptacles** - pages 3164,  
3166 & 3167

**Wire-Applied Locking Clip  
Connectors** - pages 3176  
& 3177

**AMPMODU MT Connectors** -  
Catalog 82104

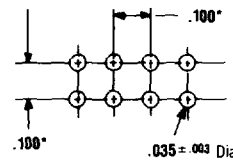
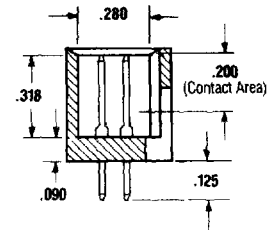
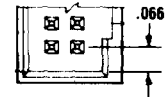
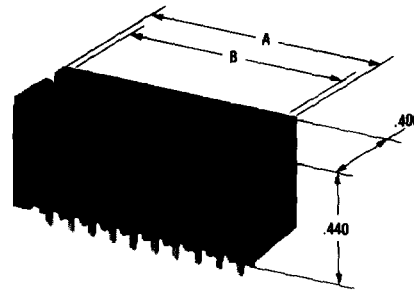
**Technical Documents** -  
page 3223

#### Plating Specifications:

**Duplex C**—.000030 gold on  
contact area, .000100-.000200 tin-  
lead on solder area, with entire  
post underplated .000050 nickel

**Duplex D**—.000015 gold on  
contact area, .000100-.000200 tin-  
lead on solder area, with entire  
post underplated .000050 nickel

**Tin-Lead/Nickel**—  
.000100-.000200 tin-lead over  
.000050 nickel on entire post



Recommended Pc Board Hole Layout

\* ± .003 tolerances not to accumulate within one connector pattern.

| No.<br>of<br>Pos. | Dimensions |       | Packaging<br>Quantity | Post Plating |            |                 |
|-------------------|------------|-------|-----------------------|--------------|------------|-----------------|
|                   | A          | B     |                       | Duplex C     | Duplex D   | Tin-Lead/Nickel |
| 6                 | .412       | .332  | 100                   | 103168-1     | 102618-1   | —               |
| 8                 | .512       | .432  | 100                   | 103168-2     | 102618-2   | 3-87589-5       |
| 10                | .612       | .532  | 100                   | 103168-3     | 102618-3   | 87589-1         |
| 12                | .712       | .632  | 100                   | 103168-4     | 102618-4   | 87589-2         |
| 14                | .812       | .732  | 100                   | 103168-5     | 102618-5   | 87589-3         |
| 16                | .912       | .832  | 100                   | 103168-6     | 102618-6   | 87589-4         |
| 18                | 1.012      | .932  | 50                    | 103168-7     | 102618-7   | 87589-5         |
| 20                | 1.112      | 1.032 | 50                    | 103168-8     | 102618-8   | 87589-6         |
| 24                | 1.312      | 1.232 | 50                    | 1-103168-0   | 1-102618-0 | 87589-8         |
| 26                | 1.412      | 1.332 | 50                    | 1-103168-1   | 1-102618-1 | 87589-9         |
| 30                | 1.612      | 1.532 | 50                    | 1-103168-3   | 1-102618-3 | 1-87589-1       |
| 34                | 1.812      | 1.732 | 50                    | 1-103168-5   | 1-102618-5 | 1-87589-3       |
| 40                | 2.112      | 2.032 | 50                    | 1-103168-8   | 1-102618-8 | 1-87589-6       |
| 50                | 2.612      | 2.532 | 50                    | 2-103168-3   | 2-102618-3 | 2-87589-1       |
| 60                | 3.112      | 3.032 | 50                    | 2-103168-8   | 2-102618-8 | 2-87589-6       |

## Standard Profile Headers— Shrouded with .150 End Dimension Double Row, .100 x .100 Centers

**Specifications subject to change.  
For latest design specifications...  
1-800-522-6752**

**Dimensioning:**  
Dimensions are in inches

### .025 Square Straight Post (with Detent Windows)

#### Material:

**Housing**—Black thermoplastic,  
flame retardant

**Contacts**—Copper alloy

#### Related Product Data:

##### Mateable Connectors:

**AMPMODU Wire-Applied  
Receptacles** - pages 3166  
& 3167

**AMP-LATCH Connectors** -  
Catalog 82012

**Flexible Film Connectors** -  
Catalog 82007

**AMPMODU MTE Connectors** -  
Catalog 82160

**AMPMODU MT Connectors** -  
Catalog 82104

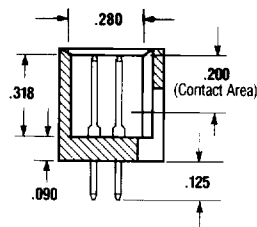
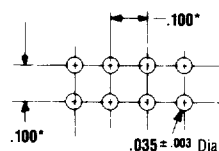
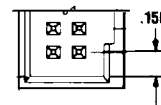
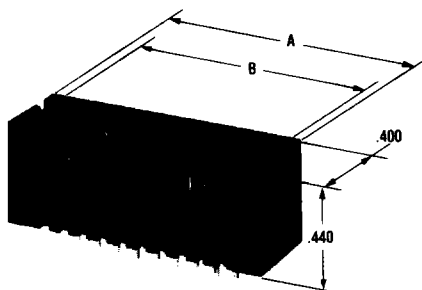
**Technical Documents** -  
page 3223

#### Plating Specifications:

**Duplex C**—.000030 gold on  
contact area, .000100-.000200 tin-  
lead on solder area, with entire  
post underplated .000050 nickel

**Duplex D**—.000015 gold on  
contact area, .000100-.000200 tin-  
lead on solder area, with entire  
post underplated .000050 nickel

**Tin-Lead/Nickel**—  
.000100-.000200 tin-lead over  
.000050 nickel on entire post



**Recommended Pc Board Hole Layout**

\* ± .003 tolerances not to accumulate within one connector pattern.

| No.<br>of<br>Pos. | Dimensions |       | Packaging<br>Quantity | Post Plating |            |                 |
|-------------------|------------|-------|-----------------------|--------------|------------|-----------------|
|                   | A          | B     |                       | Duplex C     | Duplex D   | Tin-Lead/Nickel |
| 6                 | .580       | .500  | 100                   | 103169-1     | 102619-1   | —               |
| 8                 | .680       | .600  | 100                   | 103169-2     | 102619-2   | —               |
| 10                | .780       | .700  | 100                   | 103169-3     | 102619-3   | 87587-1         |
| 16                | 1.080      | 1.000 | 100                   | 103169-6     | 102619-6   | 87587-4         |
| 20                | 1.280      | 1.200 | 50                    | 103169-8     | 102619-8   | 87587-6         |
| 24                | 1.480      | 1.400 | 50                    | 1-103169-0   | 1-102619-0 | 87587-8         |
| 26                | 1.580      | 1.500 | 50                    | 1-103169-1   | 1-102619-1 | 87587-9         |
| 30                | 1.780      | 1.700 | 50                    | 1-103169-3   | 1-102619-3 | 1-87587-1       |
| 34                | 1.980      | 1.900 | 50                    | 1-103169-5   | 1-102619-5 | 1-87587-3       |
| 40                | 2.280      | 2.200 | 50                    | 1-103169-8   | 1-102619-8 | 1-87587-6       |
| 50                | 2.780      | 2.700 | 50                    | 2-103169-3   | 2-102619-3 | 2-87587-1       |
| 60                | 3.280      | 3.200 | 50                    | 2-103169-8   | 2-102619-8 | 2-87587-6       |

## Standard Profile Headers— Shrouded with .066 End Dimension Double Row, .100 x .100 Centers

Specifications subject to change.  
For latest design specifications...  
1-800-522-6752

Dimensioning:  
Dimensions are in inches

### .025 Square Right-Angle Post (with Detent Windows)

#### Material:

**Housing**—Black thermoplastic,  
flame retardant

**Contacts**—Copper alloy

#### Related Product Data:

##### Mateable Connectors:

**AMPMODU Board Mount  
Receptacles** - pages 3150,  
3151, 3154, 3155 & 3157

**AMPMODU Wire-Applied  
Receptacles** - pages 3164,  
3166 & 3167

**Wire-Applied Locking Clip  
Connectors** - pages 3176  
& 3177

**AMPMODU MT Connectors** -  
Catalog 82104

**Technical Documents** -  
page 3223

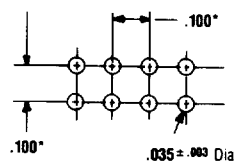
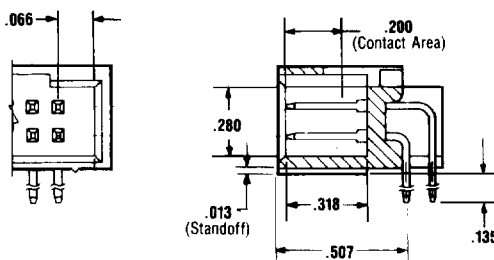
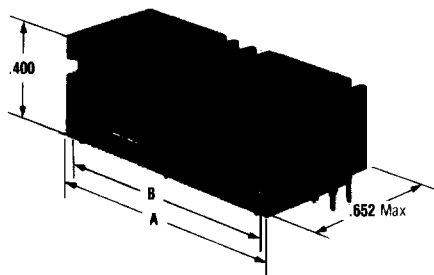
#### Plating Specifications:

**Duplex C**—.000030 gold on  
contact area, .000100-.000200 tin-  
lead on solder area, with entire  
post underplated .000050 nickel

**Duplex D**—.000015 gold on  
contact area, .000100-.000200 tin-  
lead on solder area, with entire  
post underplated .000050 nickel

##### Tin-Lead/Nickel—

.000100-.000200 tin-lead over  
.000050 nickel on entire post



Recommended PC Board Hole Layout

\* ± .003 tolerances not to accumulate within one connector pattern.

| No.<br>of<br>Pos. | Dimensions |       | Packaging<br>Quantity | Post Plating |            |                 |
|-------------------|------------|-------|-----------------------|--------------|------------|-----------------|
|                   | A          | B     |                       | Duplex C     | Duplex D   | Tin-Lead/Nickel |
| 6                 | .412       | .332  | 100                   | 103166-1     | 102617-1   | 3-87579-5       |
| 8                 | .512       | .432  | 100                   | 103166-2     | 102617-2   | 87579-1         |
| 10                | .612       | .532  | 100                   | 103166-3     | 102617-3   | 87579-2         |
| 20                | 1.112      | 1.032 | 50                    | 103166-8     | 102617-8   | 87579-7         |
| 24                | 1.312      | 1.232 | 50                    | 1-103166-0   | 1-102617-0 | 87579-9         |
| 26                | 1.412      | 1.332 | 50                    | 1-103166-1   | 1-102617-1 | 1-87579-0       |
| 34                | 1.812      | 1.732 | 50                    | 1-103166-5   | 1-102617-5 | —               |
| 40                | 2.112      | 2.032 | 50                    | 1-103166-8   | 1-102617-8 | 1-87579-7       |
| 50                | 2.612      | 2.532 | 50                    | 2-103166-3   | 2-102617-3 | 2-87579-2       |
| 60                | 3.112      | 3.032 | 50                    | 2-103166-8   | 2-102617-8 | 2-87579-7       |

**Specifications subject to change.  
For latest design specifications...  
1-800-522-6752**

**Dimensioning:**  
Dimensions are in inches

## Standard Profile Headers— Shrouded with .150 End Dimension Double Row, .100 x .100 Centers

### .025 Square Right-Angle Post (with Detent Windows)

#### Material:

**Housing**—Black thermoplastic,  
flame retardant

**Contacts**—Copper alloy

#### Related Product Data:

##### Mateable Connectors:

**AMPMODU Wire-Applied  
Receptacles** - pages 3166  
& 3167

**AMP-LATCH Connectors** -  
Catalog 82012

**Flexible Film Connectors** -  
Catalog 82007

**AMPMODU MTE Connectors** -  
Catalog 82160

**AMPMODU MT Connectors** -  
Catalog 82104

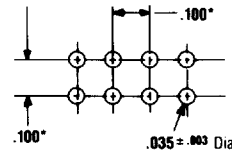
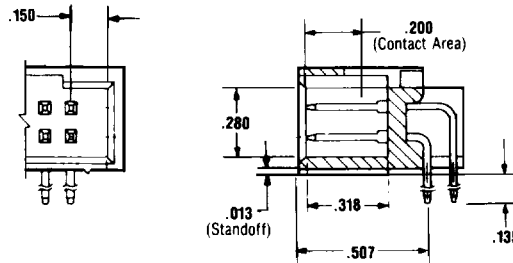
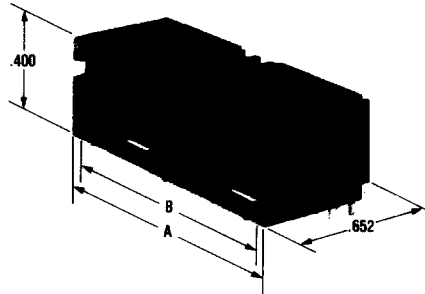
**Technical Documents** -  
page 3223

#### Plating Specifications:

**Duplex C**—.000030 gold on  
contact area, .000100-.000200 tin-  
lead on solder area, with entire  
post underplated .000050 nickel

**Duplex D**—.000015 gold on  
contact area, .000100-.000200 tin-  
lead on solder area, with entire  
post underplated .000050 nickel

**Tin-Lead/Nickel**—  
.000100-.000200 tin-lead over  
.000050 nickel on entire post



**Recommended Pc Board Hole Layout**

\* ± .003 tolerances not to accumulate within one connector pattern.

| No.<br>of<br>Pos. | Dimensions |       | Packaging<br>Quantity | Post Plating |            |                 |
|-------------------|------------|-------|-----------------------|--------------|------------|-----------------|
|                   | A          | B     |                       | Duplex C     | Duplex D   | Tin-Lead/Nickel |
| 8                 | .680       | .600  | 100                   | 103167-1     | 102570-2   | 87577-1         |
| 10                | .780       | .700  | 100                   | 103167-2     | 102570-3   | 87577-2         |
| 20                | 1.280      | 1.200 | 50                    | 103167-7     | 102570-8   | 87577-7         |
| 24                | 1.480      | 1.400 | 50                    | 103167-9     | 1-102570-0 | 87577-9         |
| 26                | 1.580      | 1.500 | 50                    | 1-103167-0   | 1-102570-1 | 1-87577-0       |
| 34                | 1.980      | 1.900 | 50                    | 1-103167-4   | 1-102570-5 | 1-87577-4       |
| 40                | 2.280      | 2.200 | 50                    | 1-103167-7   | 102570-1   | 1-87577-7       |
| 50                | 2.780      | 2.700 | 50                    | 2-103167-2   | 2-102570-2 | 2-87577-2       |
| 60                | 3.280      | 3.200 | 50                    | 2-103167-7   | 2-102570-7 | 2-87577-7       |

## Standard Profile Headers— Shrouded with .066 End Dimension Double Row, .100 x .100 Centers

Specifications subject to change.  
For latest design specifications...  
1-800-522-6752

Dimensioning:  
Dimensions are in inches

### .025 Square Right-Angle Post (with Pin Protection on 3 Sides)

#### Material:

**Housing**—Black thermoplastic,  
flame retardant

**Contacts**—Copper alloy

#### Related Product Data:

##### Mateable Connectors:

**AMPMODU Board Mount  
Receptacles** - pages 3150,  
3151, 3154, 3155 & 3157

**AMPMODU Wire-Applied  
Receptacles** - pages 3164,  
3166 & 3167

**Wire-Applied Locking Clip  
Connectors** - pages 3176  
& 3177

**AMPMODU MT Connectors** -  
Catalog 82104

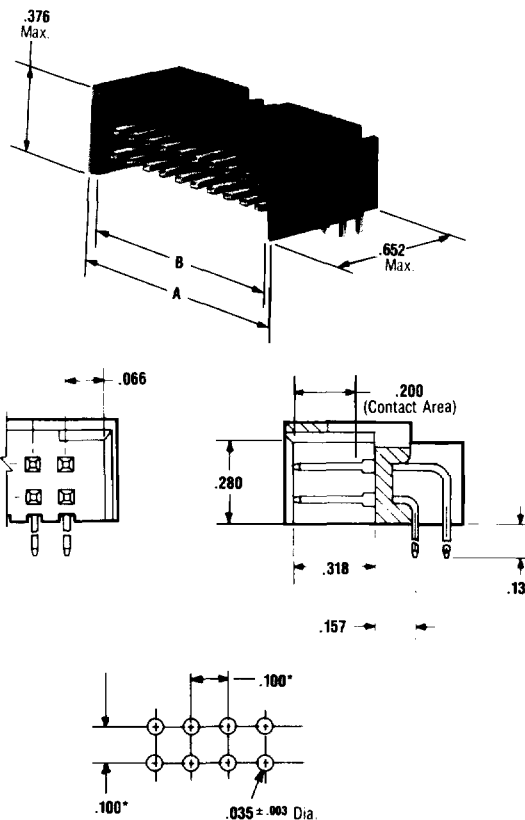
**Technical Documents** -  
page 3223

#### Plating Specifications:

**Duplex C**—.000030 gold on  
contact area, .000100-.000200 tin-  
lead on solder area, with entire  
post underplated .000050 nickel

**Duplex D**—.000015 gold on  
contact area, .000100-.000200 tin-  
lead on solder area, with entire  
post underplated .000050 nickel

**Tin-Lead/Nickel**—  
.000100-.000200 tin-lead over  
.000050 nickel on entire post



Recommended Pc Board Hole Layout

\* ± .003 tolerances not to accumulate within one connector pattern.

| No.<br>of<br>Pos. | Dimensions |       | Packaging<br>Quantity | Post Plating |            |                 |
|-------------------|------------|-------|-----------------------|--------------|------------|-----------------|
|                   | A          | B     |                       | Duplex C     | Duplex D   | Tin-Lead/Nickel |
| 6                 | .412       | .332  | 100                   | 103164-1     | 102055-2   | —               |
| 8                 | .512       | .432  | 100                   | 103164-2     | 102055-3   | 87572-1         |
| 10                | .612       | .532  | 100                   | 103164-3     | 102055-4   | 87572-2         |
| 16                | .912       | .832  | 100                   | 103164-6     | 102055-7   | 87572-5         |
| 20                | 1.112      | 1.032 | 50                    | 103164-8     | 102055-1   | 87572-7         |
| 24                | 1.312      | 1.232 | 50                    | 1-103164-0   | 1-102055-0 | 87572-9         |
| 26                | 1.412      | 1.332 | 50                    | 1-103164-1   | 1-102055-1 | 1-87572-0       |
| 30                | 1.612      | 1.532 | 50                    | 1-103164-3   | 1-102055-3 | 1-87572-2       |
| 34                | 1.812      | 1.732 | 50                    | 1-103164-5   | 1-102055-5 | 1-87572-4       |
| 40                | 2.112      | 2.032 | 50                    | 1-103164-8   | 1-102055-8 | 1-87572-7       |
| 50                | 2.612      | 2.532 | 50                    | 2-103164-3   | 2-102055-3 | 2-87572-2       |
| 60                | 3.112      | 3.032 | 50                    | 2-103164-8   | 2-102055-8 | 2-87572-7       |



## Standard Profile Headers— Shrouded with .150 End Dimension Double Row, .100 x .100 Centers

**Specifications subject to change.  
For latest design specifications...  
1-800-522-6752**

**Dimensioning:**  
Dimensions are in inches

### .025 Square Right-Angle Post (with Pin Protection on 3 Sides)

#### Material:

**Housing**—Black thermoplastic,  
flame retardant

**Contacts**—Copper alloy

#### Related Product Data:

##### Mateable Connectors:

**AMPMODU Wire-Applied  
Receptacles** - pages 3166  
& 3167

**AMP-LATCH Connectors** -  
Catalog 82012

**Flexible Film Connectors** -  
Catalog 82007

**AMPMODU MTE Connectors** -  
Catalog 82160

**AMPMODU MT Connectors** -  
Catalog 82104

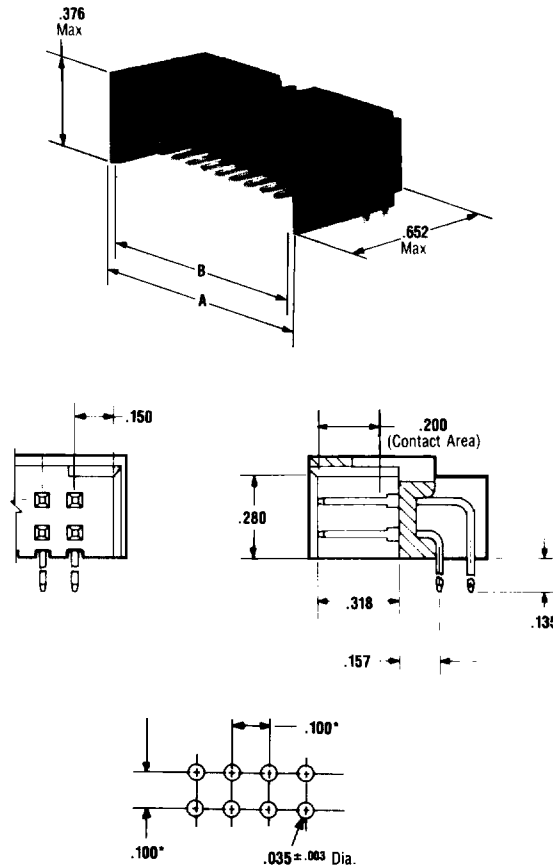
**Technical Documents** -  
page 3223

#### Plating Specifications:

**Duplex C**—.000030 gold on  
contact area, .000100-.000200 tin-  
lead on solder area, with entire  
post underplated .000050 nickel

**Duplex D**—.000015 gold on  
contact area, .000100-.000200 tin-  
lead on solder area, with entire  
post underplated .000050 nickel

**Tin-Lead/Nickel**—  
.000100-.000200 tin-lead over  
.000050 nickel on entire post



**Recommended Pc Board Hole Layout**

\* ± .003 tolerances not to accumulate within one connector pattern.

| No.<br>of<br>Pos. | Dimensions |       | Packaging<br>Quantity | Post Plating |            |                 |
|-------------------|------------|-------|-----------------------|--------------|------------|-----------------|
|                   | A          | B     |                       | Duplex C     | Duplex D   | Tin-Lead/Nickel |
| 10                | .780       | .700  | 100                   | 103165-1     | 102620-1   | —               |
| 20                | 1.280      | 1.200 | 50                    | 103165-6     | 102620-6   | 87568-6         |
| 24                | 1.480      | 1.400 | 50                    | 103165-8     | 102620-8   | 87568-8         |
| 26                | 1.580      | 1.500 | 50                    | 103165-9     | 102620-9   | 87568-9         |
| 34                | 1.980      | 1.900 | 50                    | 1-103165-3   | 1-102620-3 | 1-87568-3       |
| 40                | 2.280      | 2.200 | 50                    | 1-103165-6   | 1-102620-6 | 1-87568-6       |
| 50                | 2.780      | 2.700 | 50                    | 2-103165-1   | 2-102620-1 | 2-87568-1       |
| 60                | 3.280      | 3.200 | 50                    | 2-103165-6   | 2-102620-6 | 2-87568-6       |

**Specifications subject to change.  
For latest design specifications...  
1-800-522-6752**

**Dimensioning:**  
Dimensions are in inches

## Standard Profile Headers— Shrouded with .066 End Dimension Double Row, .100 x .100 Centers

**.025 Square  
Straight-Post  
(with Detent Windows  
and Mounting Ears)**

### Material:

**Housing**—Black thermoplastic,  
flame retardant

**Contacts**—Copper alloy

### Related Product Data:

#### Mateable Connectors:

**AMPMODU Board Mount  
Receptacles** - pages 3150,  
3151, 3154, 3155 & 3157

**AMPMODU Wire-Applied  
Receptacles** - pages 3164,  
3166 & 3167

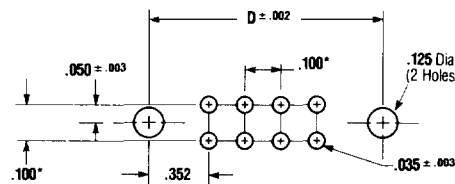
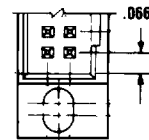
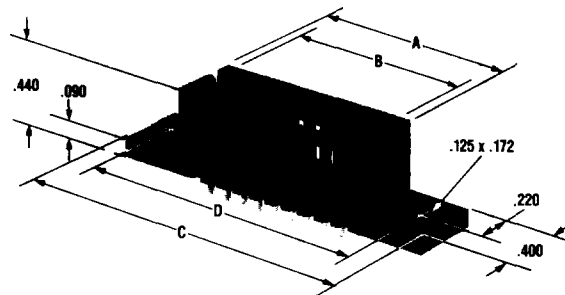
**Wire-Applied Locking Clip  
Connectors** - pages 3176  
& 3177

**AMPMODU MT Connectors** -  
Catalog 82104

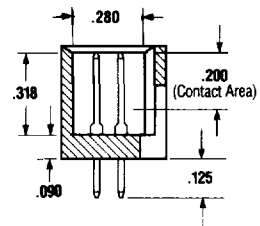
**Technical Documents** -  
page 3223

### Plating Specifications:

**Gold/Nickel**—.000030 gold over  
.000050 nickel on entire post



**Recommended Pc Board Hole Layout**



\* ± .003 tolerances not to accumulate within one connector pattern.

| No.<br>of<br>Pos. | Dimensions |       |       |       | Packaging<br>Quantity | Gold/Nickel<br>Post Plating |
|-------------------|------------|-------|-------|-------|-----------------------|-----------------------------|
|                   | A          | B     | C     | D     |                       |                             |
| 10                | .612       | .532  | 1.304 | 1.104 | 100                   | 87525-1                     |
| 20                | 1.112      | 1.032 | 1.804 | 1.604 | 50                    | 87525-6                     |
| 24                | 1.312      | 1.232 | 2.004 | 1.804 | 50                    | 87525-8                     |
| 26                | 1.412      | 1.332 | 2.104 | 1.904 | 50                    | 87525-9                     |
| 34                | 1.812      | 1.732 | 2.504 | 2.304 | 50                    | 1-87525-3                   |
| 40                | 2.112      | 2.032 | 2.804 | 2.604 | 50                    | 1-87525-6                   |
| 50                | 2.612      | 2.532 | 3.304 | 3.104 | 50                    | 2-87525-1                   |
| 60                | 3.112      | 3.032 | 3.804 | 3.604 | 50                    | 2-87525-6                   |

**Note:** A minimum order greater than the package quantity may be required, consult AMP Incorporated.

## Standard Profile Headers— Shrouded with .150 End Dimension Double Row, .100 x .100 Centers

**Specifications subject to change.  
For latest design specifications...  
1-800-522-6752**

**Dimensioning:**  
Dimensions are in inches

**.025 Square  
Straight Post  
(with Detent Windows  
and Mounting Ears)**

### Material:

**Housing**—Black thermoplastic,  
flame retardant

**Contacts**—Copper alloy

### Related Product Data:

#### Mateable Connectors:

**AMPMODU Wire-Applied  
Receptacles** - pages 3166  
& 3167

**AMP-LATCH Connectors** -  
Catalog 82012

**Flexible Film Connectors** -  
Catalog 82007

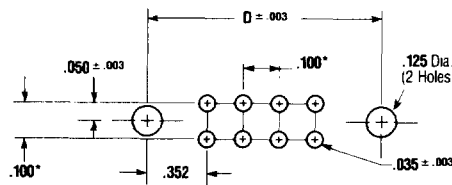
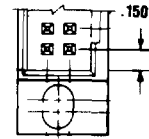
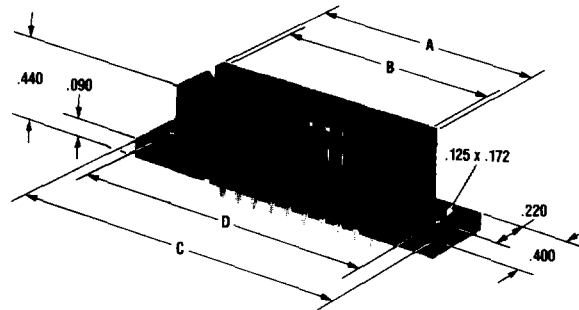
**AMPMODU MTE Connectors** -  
Catalog 82160

**AMPMODU MT Connectors** -  
Catalog 82104

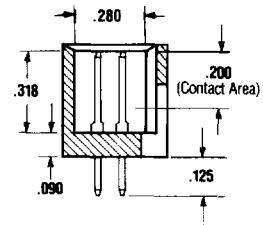
**Technical Documents** -  
page 3223

### Plating Specifications:

**Gold/Nickel**—.000030 gold over  
.000050 nickel on entire post



**Recommended PC Board Hole Layout**



\* ± .003 tolerances not to accumulate within one connector pattern.

| No.<br>of<br>Pos. | Dimensions |       |       |       | Packaging<br>Quantity | Gold/Nickel<br>Post Plating |
|-------------------|------------|-------|-------|-------|-----------------------|-----------------------------|
|                   | A          | B     | C     | D     |                       |                             |
| 10                | .780       | .700  | 1.304 | 1.104 | 100                   | 87474-1                     |
| 20                | 1.280      | 1.200 | 1.804 | 1.604 | 50                    | 87474-2                     |
| 24                | 1.480      | 1.400 | 2.004 | 1.804 | 50                    | 87474-3                     |
| 26                | 1.580      | 1.500 | 2.104 | 1.904 | 50                    | 1-87474-3                   |
| 34                | 1.980      | 1.900 | 2.504 | 2.304 | 50                    | 87474-4                     |
| 40                | 2.280      | 2.200 | 2.804 | 2.604 | 50                    | 87474-6                     |
| 50                | 2.780      | 2.700 | 3.304 | 3.104 | 50                    | 87474-7                     |
| 60                | 3.280      | 3.200 | 3.804 | 3.604 | 50                    | 2-87474-6                   |

**Note:** A minimum order greater than the package quantity may be required, consult AMP Incorporated.

## Standard Profile Headers— Shrouded Bulkhead Type; with .066 End Dimensions Double Row, .100 x .100 Centers

*Specifications subject to change.  
For latest design specifications...  
1-800-522-6752*

**Dimensioning:**  
Dimensions are in inches

**.025 Square  
Straight Post  
(with Detent Windows  
and Mounting Ears)**

### Material:

**Housing**—Black thermoplastic,  
flame retardant

**Contacts**—Copper alloy

### Related Product Data:

#### Mateable Connectors:

**AMPMODU Board Mount  
Receptacles** - pages 3150,  
3151, 3154, 3155 & 3157

**AMPMODU Wire-Applied  
Receptacles** - pages 3164,  
3166 & 3167

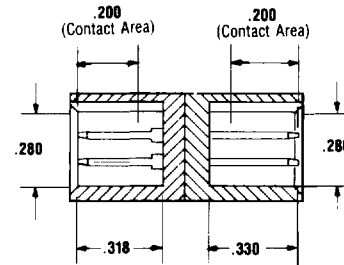
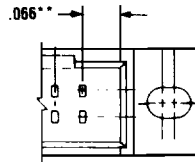
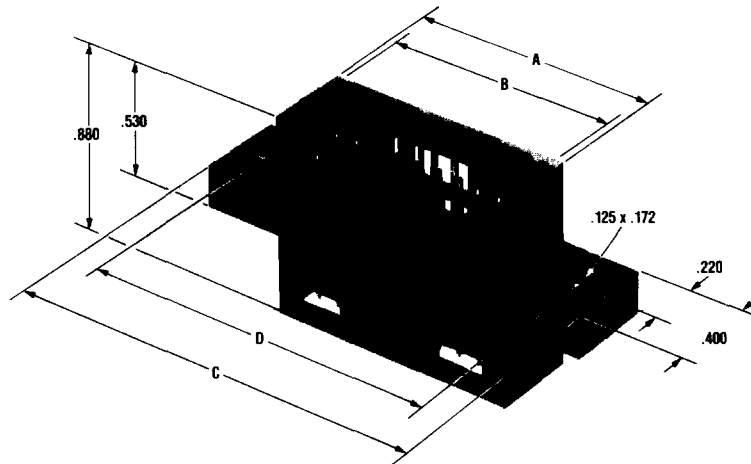
**Wire-Applied Locking Clip  
Connectors** - pages 3176  
& 3177

**AMPMODU MT Connectors** -  
Catalog 82104

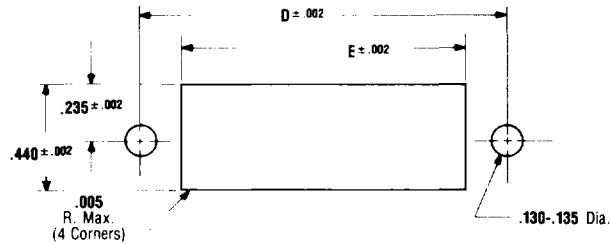
**Technical Documents** -  
page 3223

### Plating Specifications:

**Gold/Nickel**—.000030 gold over  
.000050 nickel on entire post



\*\*Both mating faces have same end dimension.



**Recommended Panel Cutout**

| No.<br>of<br>Pos. | Dimensions |       |       |       |       | Packaging<br>Quantity | Gold/Nickel<br>Post Plating |
|-------------------|------------|-------|-------|-------|-------|-----------------------|-----------------------------|
|                   | A          | B     | C     | D     | E     |                       |                             |
| 10                | .612       | .532  | 1.304 | 1.104 | .632  | 100                   | 87608-1                     |
| 20                | 1.112      | 1.032 | 1.804 | 1.604 | 1.132 | 50                    | 87608-6                     |
| 24                | 1.312      | 1.232 | 2.004 | 1.804 | 1.332 | 50                    | 87608-8                     |
| 26                | 1.412      | 1.332 | 2.104 | 1.904 | 1.432 | 50                    | 87608-9                     |
| 34                | 1.812      | 1.732 | 2.504 | 2.304 | 1.832 | 50                    | 1-87608-3                   |
| 40                | 2.112      | 2.032 | 2.804 | 2.604 | 2.132 | 50                    | 1-87608-6                   |
| 50                | 2.612      | 2.532 | 3.304 | 3.104 | 2.632 | 50                    | 2-87608-1                   |
| 60                | 3.112      | 3.032 | 3.804 | 3.604 | 3.132 | 50                    | 2-87608-6                   |

**Note:** A minimum order greater than the package quantity may be required. consult AMP Incorporated.

## Standard Profile Headers— Shrouded Bulkhead Type; with .150 End Dimensions Double Row, .100 x .100 Centers

Specifications subject to change.  
For latest design specifications...  
1-800-522-6752

Dimensioning:  
Dimensions are in inches

**.025 Square  
Straight Post  
(with Detent Windows  
and Mounting Ears)**

### Material:

**Housing**—Black thermoplastic,  
flame retardant

**Contacts**—Copper alloy

### Related Product Data:

**Mateable Connectors:**

**AMPMODU Wire-Applied  
Receptacles** - page 3166  
& 3167

**AMP-LATCH Connectors** -  
Catalog 82012

**Flexible Film Connectors** -  
Catalog 82007

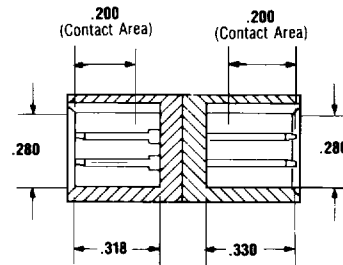
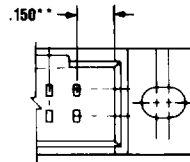
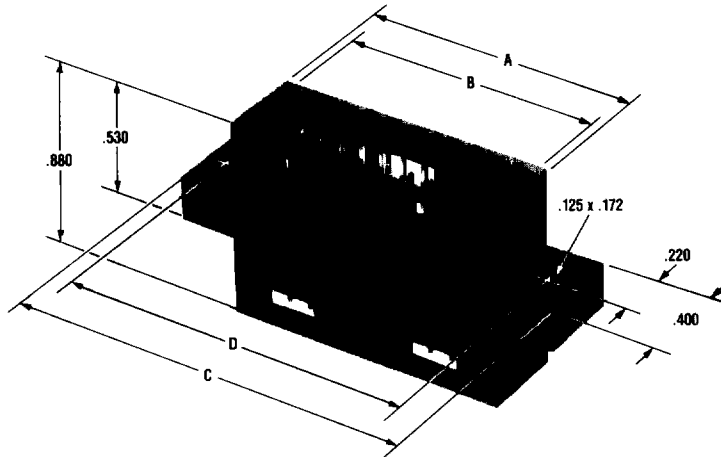
**AMPMODU MTE Connectors** -  
Catalog 82160

**AMPMODU MT Connectors** -  
Catalog 82104

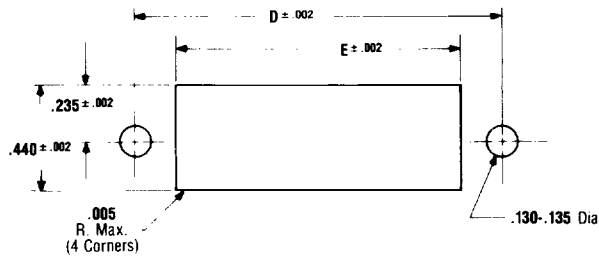
**Technical Documents** -  
page 3223

### Plating Specifications:

**Gold/Nickel**—.000030 gold over  
.000050 nickel on entire post



\*\*Both mating faces have same end dimension.



Recommended Panel Cutout

| No.<br>of<br>Pos. | Dimensions |       |       |       |       | Packaging<br>Quantity | Gold/Nickel<br>Post Plating |
|-------------------|------------|-------|-------|-------|-------|-----------------------|-----------------------------|
|                   | A          | B     | C     | D     | E     |                       |                             |
| 10                | .780       | .700  | 1.304 | 1.104 | .800  | 100                   | 87605-1                     |
| 20                | 1.280      | 1.200 | 1.804 | 1.604 | 1.300 | 50                    | 87605-6                     |
| 24                | 1.480      | 1.400 | 2.004 | 1.804 | 1.500 | 50                    | 87605-8                     |
| 26                | 1.580      | 1.500 | 2.104 | 1.904 | 1.600 | 50                    | 87605-9                     |
| 34                | 1.980      | 1.900 | 2.504 | 2.304 | 2.000 | 50                    | 1-87605-3                   |
| 40                | 2.280      | 2.200 | 2.804 | 2.604 | 2.300 | 50                    | 1-87605-6                   |
| 50                | 2.780      | 2.700 | 3.304 | 3.104 | 2.800 | 50                    | 2-87605-1                   |
| 60                | 3.280      | 3.200 | 3.804 | 3.604 | 3.300 | 50                    | 2-87605-6                   |

**Note:** A minimum order greater than the package quantity may be required, consult AMP Incorporated.

**Dimensioning:**  
Dimensions are in inches

**.025 Square  
Straight Post  
(with Detent Windows  
and Mounting Ears)**

**Material:**

**Housing**—Black thermoplastic, flame retardant

**Contacts—Copper alloy****Related Product Data:**

**Mateable Connectors -  
with .066 End Dimension:  
AMP/Modu Board Mount  
Receptacles** - pages 3150,  
3151, 3154, 3155 & 3157

**AMPMODU Wire-Applied  
Receptacles** - pages 3164,  
3166 & 3167

**Wire-Applied Locking Clip Connectors** - pages 3176 & 3177

**AMPMODU MT Connectors -**  
Catalog 82104

**with .150 End Dimension:**  
**AMPMODU Wire-Applied**  
**Receptacles** - pages 3166  
& 3167

**AMP-LATCH Connectors -**  
Catalog 82012

**Flexible Film Connectors -**  
Catalog 82007

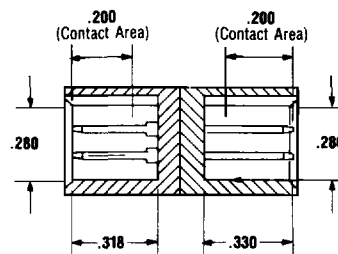
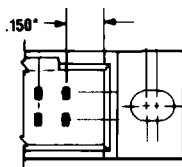
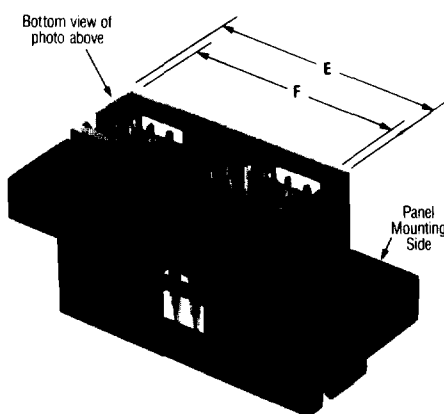
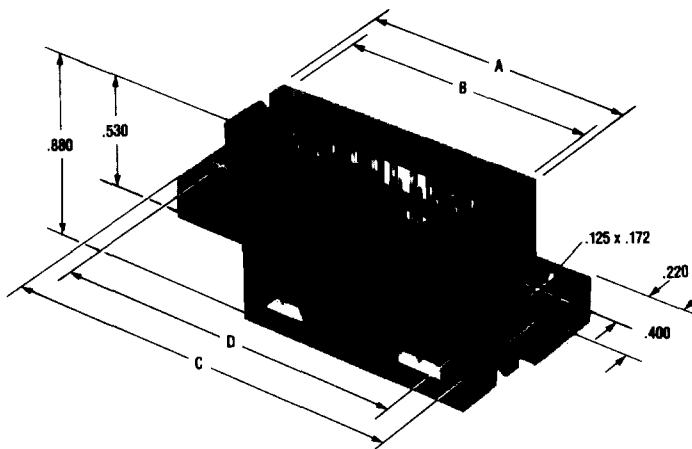
**AMPMODU MTE Connectors -**  
Catalog 82160

**AMPMODU MT Connectors -**  
Catalog 82104

**Technical Documents -**  
page 3223

### Plating Specifications:

**Gold/Nickel**—.000030 gold over  
.000050 nickel on entire post

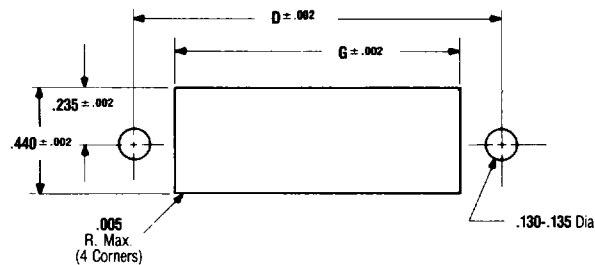


\*Other mating face end dimension is .066.

## Standard Profile Headers— Shrouded Bulkhead Type; with .066/.150 End Dimensions Double Row, .100 x .100 Centers

**Specifications subject to change.  
For latest design specifications...  
1-800-522-6752**

**Dimensioning:**  
Dimensions are in inches



**Recommended Panel Cutout**

| No.<br>of<br>Pos. | Dimensions |       |       |       |       |       |       | Packaging<br>Quantity | Gold/Nickel<br>Post Plating |
|-------------------|------------|-------|-------|-------|-------|-------|-------|-----------------------|-----------------------------|
|                   | A          | B     | C     | D     | E     | F     | G     |                       |                             |
| 10                | .780       | .700  | 1.304 | 1.104 | .612  | .532  | .632  | 100                   | 87496-2                     |
| 20                | 1.280      | 1.200 | 1.804 | 1.604 | 1.112 | 1.032 | 1.132 | 50                    | 87496-7                     |
| 24                | 1.480      | 1.400 | 2.004 | 1.804 | 1.312 | 1.232 | 1.332 | 50                    | 87496-9                     |
| 26                | 1.580      | 1.500 | 2.104 | 1.904 | 1.412 | 1.332 | 1.432 | 50                    | 1-87496-0                   |
| 34                | 1.980      | 1.900 | 2.504 | 2.304 | 1.812 | 1.732 | 1.832 | 50                    | 1-87496-4                   |
| 40                | 2.280      | 2.200 | 2.804 | 2.604 | 2.112 | 2.032 | 2.132 | 50                    | 1-87496-7                   |
| 50                | 2.780      | 2.700 | 3.304 | 3.104 | 2.612 | 2.532 | 2.632 | 50                    | 87496-1                     |
| 60                | 3.280      | 3.200 | 3.804 | 3.604 | 3.112 | 3.032 | 3.132 | 50                    | 2-87496-6                   |

**Note:** A minimum order greater than the package quantity may be required, consult AMP Incorporated.