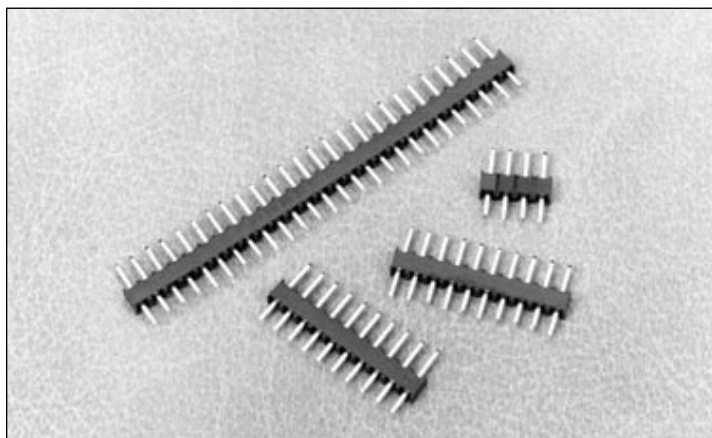


# .100" (2.54mm) Single Row Through Hole, Vertical Headers



## 1100 SERIES "TERMACON"

### PART NUMBER LEGEND

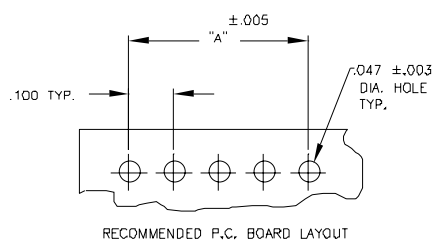
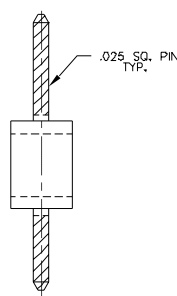
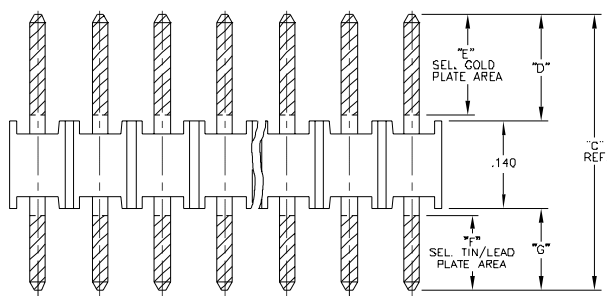
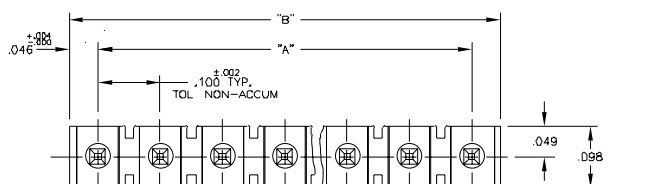
#### 110X-1-1XX-XX

- PIN PER PIN CHART
- NUMBER OF POSITIONS PER ROW
- SQUARE PIN
- HEADER STYLE
- PLATING CODE
- 0 = TIN
- 8 = .000015 SELECTIVE GOLD
- F = .000030 SELECTIVE GOLD
- HEADER SERIES

**MATING CONNECTORS: 1000 SERIES & 1300 SERIES CRIMP OR IDC STYLE CONNECTORS**

### NOTES

- 1) MATERIAL:  
INSULATOR: 1100-1-1XX-XX: NYLON 6/6, UL 94V-0  
COLOR: RED
- 2) PIN FINISH:  
11X0-1-1XX-XX - BRUTE TIN OVER NICKEL PLATE.  
11X2-1-1XX-XX - .000015/(.00038) GOLD OVER NICKEL PLATE.  
11X7-1-1XX-XX - .000030/(.00076) GOLD OVER NICKEL PLATE.  
11XB-1-1XX-XX - .000015/(.00038) SEL. GOLD OVER NICKEL PLATE.  
SEL. TIN/LEAD PLATE ON SOLDER TAIL.  
11XE-1-1XX-XX - .000030/(.00076) SEL. GOLD OVER NICKEL PLATE.  
SEL. TIN/LEAD PLATE ON SOLDER TAIL.



| PART NUMBER   | NO. OF POS. | DIM. A" | DIM. B" |
|---------------|-------------|---------|---------|
| 11XX-1-102-XX | 2           | .100    | .190    |
| -103          | 3           | .200    | .290    |
| -104          | 4           | .300    | .390    |
| -105          | 5           | .400    | .490    |
| -106          | 6           | .500    | .590    |
| -107          | 7           | .600    | .690    |
| -108          | 8           | .700    | .790    |
| -109          | 9           | .800    | .890    |
| -110          | 10          | .900    | .990    |
| -111          | 11          | 1.000   | 1.090   |
| -112          | 12          | 1.100   | 1.190   |
| -113          | 13          | 1.200   | 1.290   |
| -114          | 14          | 1.300   | 1.390   |
| -115          | 15          | 1.400   | 1.490   |
| -116          | 16          | 1.500   | 1.590   |
| -117          | 17          | 1.600   | 1.690   |
| -118          | 18          | 1.700   | 1.790   |
| -119          | 19          | 1.800   | 1.890   |
| -120          | 20          | 1.900   | 1.990   |
| -121          | 21          | 2.000   | 2.090   |
| -122          | 22          | 2.100   | 2.190   |
| -123          | 23          | 2.200   | 2.290   |
| -124          | 24          | 2.300   | 2.390   |
| -125          | 25          | 2.400   | 2.490   |
| -126          | 26          | 2.500   | 2.590   |
| -127          | 27          | 2.600   | 2.690   |
| 11XX-1-128-XX | 28          | 2.700   | 2.790   |

| PART NUMBER   | DIM. C"          | DIM. D"          | DIM. E"         | DIM. F"         | DIM. G"         |
|---------------|------------------|------------------|-----------------|-----------------|-----------------|
| 11XX-1-1XX-01 | .16<br>(.11.78)  | .17<br>(.4.32)   | .18<br>(.4.58)  | .19<br>(.3.25)  | .20<br>(.3.30)  |
| -02           | .26<br>(.14.22)  | .29<br>(.7.37)   | .30<br>(.5.08)  | .31<br>(.3.05)  | .32<br>(.3.30)  |
| -03           | .36<br>(.17.78)  | .43<br>(.10.92)  | .44<br>(.5.08)  | .45<br>(.3.05)  | .46<br>(.3.30)  |
| -04           | .46<br>(.23.87)  | .53<br>(.17.02)  | .54<br>(.5.08)  | .55<br>(.3.05)  | .56<br>(.3.30)  |
| -05           | .56<br>(.25.40)  | .63<br>(.18.54)  | .64<br>(.5.08)  | .65<br>(.3.05)  | .66<br>(.3.30)  |
| -06           | .66<br>(.20.36)  | .73<br>(.14.73)  | .74<br>(.5.08)  | .75<br>(.3.05)  | .76<br>(.3.30)  |
| -07           | .76<br>(.17.78)  | .83<br>(.11.94)  | .84<br>(.5.08)  | .85<br>(.3.05)  | .86<br>(.3.30)  |
| -08           | .86<br>(.12.70)  | .93<br>(.5.84)   | .94<br>(.5.08)  | .95<br>(.3.05)  | .96<br>(.3.30)  |
| -09           | .96<br>(.25.40)  | 1.03<br>(.15.40) | 1.04<br>(.5.08) | 1.05<br>(.3.05) | 1.06<br>(.3.30) |
| -10           | 1.06<br>(.23.87) | 1.13<br>(.17.02) | 1.14<br>(.5.08) | 1.15<br>(.3.05) | 1.16<br>(.3.30) |
| -11           | 1.16<br>(.25.40) | 1.23<br>(.18.54) | 1.24<br>(.5.08) | 1.25<br>(.3.05) | 1.26<br>(.3.30) |
| -12           | 1.26<br>(.23.87) | 1.33<br>(.17.02) | 1.34<br>(.5.08) | 1.35<br>(.3.05) | 1.36<br>(.3.30) |
| -13           | 1.36<br>(.25.40) | 1.43<br>(.18.54) | 1.44<br>(.5.08) | 1.45<br>(.3.05) | 1.46<br>(.3.30) |
| -14           | 1.46<br>(.12.70) | 1.53<br>(.5.84)  | 1.54<br>(.5.08) | 1.55<br>(.3.05) | 1.56<br>(.3.30) |
| -15           | 1.56<br>(.12.70) | 1.63<br>(.5.84)  | 1.64<br>(.5.08) | 1.65<br>(.3.05) | 1.66<br>(.3.30) |
| -16           | 1.66<br>(.12.70) | 1.73<br>(.5.84)  | 1.74<br>(.5.08) | 1.75<br>(.3.05) | 1.76<br>(.3.30) |
| -17           | 1.76<br>(.12.70) | 1.83<br>(.5.84)  | 1.84<br>(.5.08) | 1.85<br>(.3.05) | 1.86<br>(.3.30) |
| -18           | 1.86<br>(.12.70) | 1.93<br>(.5.84)  | 1.94<br>(.5.08) | 1.95<br>(.3.05) | 1.96<br>(.3.30) |
| -19           | 1.96<br>(.12.70) | 2.03<br>(.5.84)  | 2.04<br>(.5.08) | 2.05<br>(.3.05) | 2.06<br>(.3.30) |
| -20           | 2.06<br>(.12.70) | 2.13<br>(.5.84)  | 2.14<br>(.5.08) | 2.15<br>(.3.05) | 2.16<br>(.3.30) |
| -21           | 2.16<br>(.12.70) | 2.23<br>(.5.84)  | 2.24<br>(.5.08) | 2.25<br>(.3.05) | 2.26<br>(.3.30) |
| 11XX-1-1XX-22 | 2.26<br>(.12.70) | 2.33<br>(.5.84)  | 2.34<br>(.5.08) | 2.35<br>(.3.05) | 2.36<br>(.3.30) |

| PART NUMBER   | DIM. C"          | DIM. D"          | DIM. E"          | DIM. F"          | DIM. G"          |
|---------------|------------------|------------------|------------------|------------------|------------------|
| 11XX-1-1XX-23 | .25<br>(.6.40)   | .26<br>(.6.60)   | .27<br>(.6.80)   | .28<br>(.7.00)   | .29<br>(.7.20)   |
| -24           | .30<br>(.7.62)   | .31<br>(.7.82)   | .32<br>(.8.02)   | .33<br>(.8.22)   | .34<br>(.8.42)   |
| -25           | .35<br>(.8.82)   | .36<br>(.9.02)   | .37<br>(.9.22)   | .38<br>(.9.42)   | .39<br>(.9.62)   |
| -26           | .40<br>(.10.02)  | .41<br>(.10.22)  | .42<br>(.10.42)  | .43<br>(.10.62)  | .44<br>(.10.82)  |
| -27           | .45<br>(.11.02)  | .46<br>(.11.22)  | .47<br>(.11.42)  | .48<br>(.11.62)  | .49<br>(.11.82)  |
| -28           | .50<br>(.12.02)  | .51<br>(.12.22)  | .52<br>(.12.42)  | .53<br>(.12.62)  | .54<br>(.12.82)  |
| -29           | .55<br>(.13.02)  | .56<br>(.13.22)  | .57<br>(.13.42)  | .58<br>(.13.62)  | .59<br>(.13.82)  |
| -30           | .60<br>(.14.02)  | .61<br>(.14.22)  | .62<br>(.14.42)  | .63<br>(.14.62)  | .64<br>(.14.82)  |
| -31           | .65<br>(.15.02)  | .66<br>(.15.22)  | .67<br>(.15.42)  | .68<br>(.15.62)  | .69<br>(.15.82)  |
| -32           | .70<br>(.16.02)  | .71<br>(.16.22)  | .72<br>(.16.42)  | .73<br>(.16.62)  | .74<br>(.16.82)  |
| -33           | .75<br>(.17.02)  | .76<br>(.17.22)  | .77<br>(.17.42)  | .78<br>(.17.62)  | .79<br>(.17.82)  |
| -34           | .80<br>(.18.02)  | .81<br>(.18.22)  | .82<br>(.18.42)  | .83<br>(.18.62)  | .84<br>(.18.82)  |
| -35           | .85<br>(.19.02)  | .86<br>(.19.22)  | .87<br>(.19.42)  | .88<br>(.19.62)  | .89<br>(.19.82)  |
| -36           | .90<br>(.20.02)  | .91<br>(.20.22)  | .92<br>(.20.42)  | .93<br>(.20.62)  | .94<br>(.20.82)  |
| -37           | .95<br>(.21.02)  | .96<br>(.21.22)  | .97<br>(.21.42)  | .98<br>(.21.62)  | .99<br>(.21.82)  |
| -38           | 1.00<br>(.22.02) | 1.01<br>(.22.22) | 1.02<br>(.22.42) | 1.03<br>(.22.62) | 1.04<br>(.22.82) |
| -39           | 1.05<br>(.23.02) | 1.06<br>(.23.22) | 1.07<br>(.23.42) | 1.08<br>(.23.62) | 1.09<br>(.23.82) |
| -40           | 1.10<br>(.24.02) | 1.11<br>(.24.22) | 1.12<br>(.24.42) | 1.13<br>(.24.62) | 1.14<br>(.24.82) |
| -41           | 1.15<br>(.25.02) | 1.16<br>(.25.22) | 1.17<br>(.25.42) | 1.18<br>(.25.62) | 1.19<br>(.25.82) |
| -42           | 1.20<br>(.26.02) | 1.21<br>(.26.22) | 1.22<br>(.26.42) | 1.23<br>(.26.62) | 1.24<br>(.26.82) |
| -43           | 1.25<br>(.27.02) | 1.26<br>(.27.22) | 1.27<br>(.27.42) | 1.28<br>(.27.62) | 1.29<br>(.27.82) |
| -44           | 1.30<br>(.28.02) | 1.31<br>(.28.22) | 1.32<br>(.28.42) | 1.33<br>(.28.62) | 1.34<br>(.28.82) |
| -45           | 1.35<br>(.29.02) | 1.36<br>(.29.22) | 1.37<br>(.29.42) | 1.38<br>(.29.62) | 1.39<br>(.29.82) |
| -46           | 1.40<br>(.30.02) | 1.41<br>(.30.22) | 1.42<br>(.30.42) | 1.43<br>(.30.62) | 1.44<br>(.30.82) |
| 11XX-1-1XX-47 | 1.45<br>(.31.02) | 1.46<br>(.31.22) | 1.47<br>(.31.42) | 1.48<br>(.31.62) | 1.49<br>(.31.82) |



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Far East:

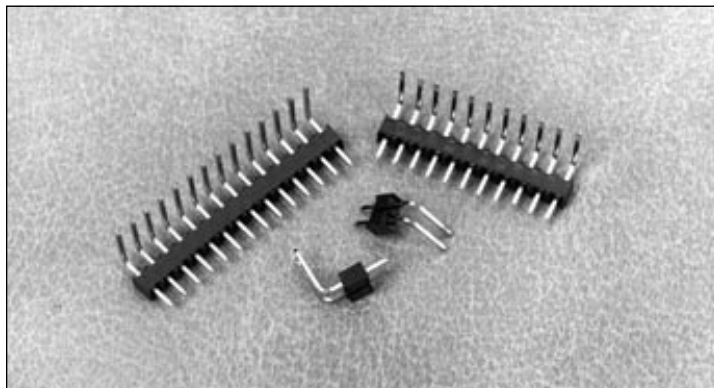
**Methode Electronics Far East, Pte. Ltd.**

1 Tuas Lane, Jurong Town • Singapore 638610

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# .100" (2.54mm) Single Row, Through Hole, Right Angle Headers



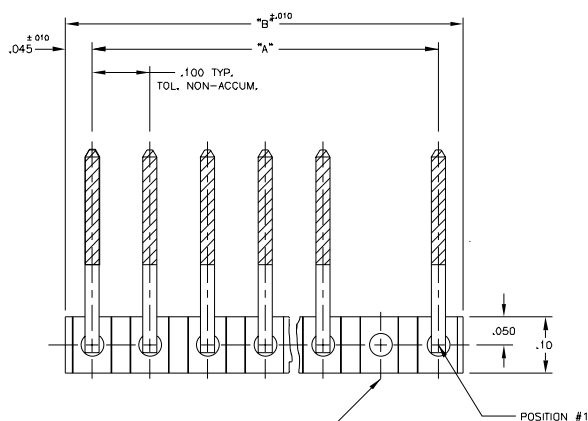
## 1100 SERIES "TERMACON"

### PART NUMBER LEGEND

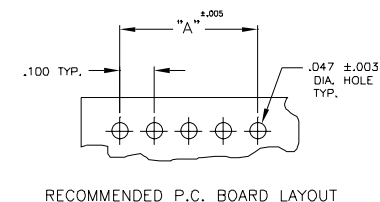
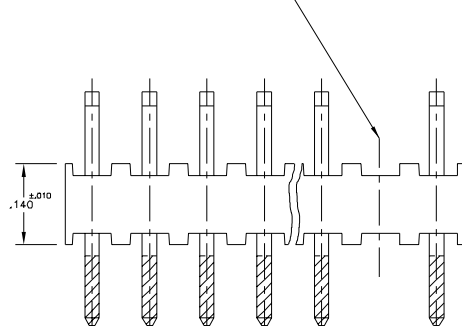
#### 11XX-3-1XX-XX

- PIN LENGTH (SEE TABLE II)
- NUMBER OF POSITIONS PER ROW (SEE TABLE I)
- PIN PLATING (SEE NOTE 2)
- INSULATOR MATERIAL (SEE NOTE 1)

**MATING CONNECTORS: 1000 SERIES & 1300 SERIES CRIMP OR IDC STYLE CONNECTORS**



IF OMITTED PINS ARE DESIRED, SPECIFY PIN POSITION TO BE OMITTED.



RECOMMENDED P.C. BOARD LAYOUT

| PART NUMBER       | NO. OF POS. | DIM "A"     | DIM "B" |
|-------------------|-------------|-------------|---------|
| 11XX-3-102-XX     | 2           | .100 ±.004  | .190    |
| ↑ -103 ↑          | 3           | .200 ±.004  | .290    |
| ↑ -104 ↑          | 4           | .300 ±.005  | .390    |
| ↑ -105 ↑          | 5           | .400 ±.005  | .490    |
| ↑ -106 ↑          | 6           | .500 ±.005  | .590    |
| ↑ -107 ↑          | 7           | .600 ±.006  | .690    |
| ↑ -108 ↑          | 8           | .700 ±.006  | .790    |
| ↑ -109 ↑          | 9           | .800 ±.006  | .890    |
| ↑ -110 ↑          | 10          | .900 ±.006  | .990    |
| ↑ -111 ↑          | 11          | 1.000 ±.007 | 1.090   |
| ↑ -112 ↑          | 12          | 1.100 ±.007 | 1.190   |
| ↑ -113 ↑          | 13          | 1.200 ±.007 | 1.290   |
| ↑ -114 ↑          | 14          | 1.300 ±.007 | 1.390   |
| ↑ 11XX-3-115-XX ↑ | 15          | 1.400 ±.008 | 1.490   |

| PART NUMBER       | NO. OF POS. | DIM "A"     | DIM "B" |
|-------------------|-------------|-------------|---------|
| 11XX-3-116-XX     | 16          | 1.500 ±.008 | 1.590   |
| ↑ -117 ↑          | 17          | 1.600 ±.008 | 1.690   |
| ↑ -118 ↑          | 18          | 1.700 ±.008 | 1.790   |
| ↑ -119 ↑          | 19          | 1.800 ±.009 | 1.890   |
| ↑ -120 ↑          | 20          | 1.900 ±.010 | 1.990   |
| ↑ -121 ↑          | 21          | 2.000 ±.010 | 2.090   |
| ↑ -122 ↑          | 22          | 2.100 ±.010 | 2.190   |
| ↑ -123 ↑          | 23          | 2.200 ±.011 | 2.290   |
| ↑ -124 ↑          | 24          | 2.300 ±.011 | 2.390   |
| ↑ -125 ↑          | 25          | 2.400 ±.011 | 2.490   |
| ↑ -126 ↑          | 26          | 2.500 ±.012 | 2.590   |
| ↑ -127 ↑          | 27          | 2.600 ±.012 | 2.690   |
| ↑ 11XX-3-128-XX ↑ | 28          | 2.700 ±.012 | 2.790   |

### NOTES

- 1) MATERIALS:  
INSULATOR:  
110X-3-1XX-XX: NYLON 6/6, UL 94V-0  
COLOR: NATURAL (RED)
- PINS: PHOSPHOR BRONZE
- 2) PIN FINISH:  
11XQ-3-1XX-XX: BRITE TIN OVER NICKEL PLATE, (-205)  
11X2-3-1XX-XX: .000015 GOLD OVER NICKEL PLATE, (-002)  
11XZ-3-1XX-XX: .000030 GOLD OVER NICKEL PLATE, (-007)  
11XB-3-1XX-XX: .000015 SEL. GOLD OVER NICKEL PLATE,  
SEL. TIN/LEAD ON SOLDER TAIL, (-B09)  
11XE-3-1XX-XX: .000030 SEL. GOLD OVER NICKEL PLATE,  
SEL. TIN/LEAD ON SOLDER TAIL, (-B11)

| PART NUMBER       | DIM "C"    | DIM "D"    | DIM "E"    | DIM "F" | DIM "G" | OVERALL LENGTH |
|-------------------|------------|------------|------------|---------|---------|----------------|
| 11XX-3-1XX-01     | .29        | .24        | .14        | .200    | .120    | .70            |
| ↑ -02 ↑           | .09        | .20        | .21        | -       | -       | .53            |
| ↑ -03 ↑           | .39        | .34        | .14        | -       | -       | .906           |
| ↑ -04 ↑           | .295       | .383       | .14        | -       | -       | .853           |
| ↑ -05 ↑           | .39        | .24        | .16        | -       | -       | .825           |
| ↑ -06 ↑           | .13        | .23        | .30        | -       | -       | .700           |
| ↑ -07 ↑           | .105       | .24        | .15        | -       | -       | .53            |
| ↑ -08 ↑           | .12        | .20        | .21        | -       | -       | .56            |
| ↑ -09 ↑           | .14        | .24        | .14        | -       | -       | .56            |
| ↑ -10 ↑           | .43        | .25        | .14        | -       | -       | .853           |
| ↑ -11 ↑           | .59        | .18        | .30        | -       | -       | 1.100          |
| ↑ -12 ↑           | .10        | .15        | .23        | -       | -       | .530           |
| ↑ -13 ↑           | .81        | .35        | .30        | -       | -       | 1.600          |
| ↑ -14 ↑           | .34        | .24        | .12        | -       | -       | .735           |
| ↑ -15 ↑           | .29        | .16        | .14        | -       | -       | .625           |
| ↑ -16 ↑           | .146       | .236       | .433       | -       | -       | .850           |
| ↑ -17 ↑           | .295       | .280       | .125       | -       | -       | .735           |
| ↑ -18 ↑           | .398       | .200       | .230       | -       | -       | .860           |
| ↑ -19 ↑           | .50        | .125       | .140       | .200    | .120    | .800           |
| ↑ -20 ↑           | .40        | .25        | .25        | -       | -       | .930           |
| ↑ -21 ↑           | .29        | .24        | .13/.10    | -       | -       | .685           |
| ↑ -22 ↑           | .295       | .20        | 120 ±.020  | -       | -       | .650           |
| ↑ -23 ↑           | .120       | .20        | .75        | -       | -       | 1.100          |
| ↑ -24 ↑           | .130       | .223       | 130 ±.015  | -       | -       | .517           |
| ↑ -25 ↑           | .143       | .218 ±.009 | 147 ±.010  | -       | -       | .543           |
| ↑ -26 ↑           | .120       | .287       | .100       | -       | -       | .560           |
| ↑ -27 ↑           | .306       | .163       | .09/.13    | .200    | .120    | .625           |
| ↑ -28 ↑           | .388 ±.012 | .433 ±.012 | .295 ±.012 | -       | -       | 1.140          |
| ↑ -29 ↑           | .125       | .157       | .315       | -       | -       | .625           |
| ↑ 11XX-3-1XX-30 ↑ | .101       | .23        | .14        | .200    | .190    | .500           |



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Far East:

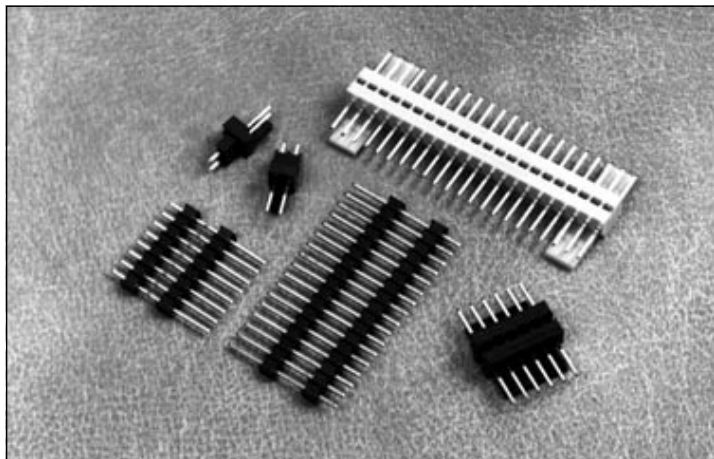
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# .100" (2.54mm) Custom Double Headers



## 1100 SERIES "TERMACON"

PART NUMBER LEGEND

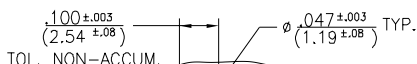
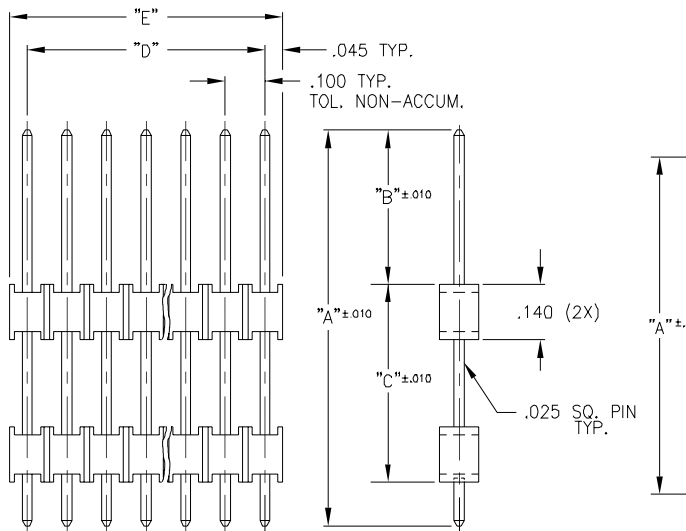
**11XX-14-1XX-XXX**

ASSIGNED BY METHODE  
REPRESENTING DIMENSIONS A, B & C  
NUMBER OF POSITIONS  
DOUBLE HEADER  
CONTACT PLATING (SEE NOTE 2)  
INSULATOR MATERIAL (SEE NOTE 1)

**MATING CONNECTORS: 1000 SERIES**

### NOTES:

- 1) INSULATOR MAT'L: 110X - NYLON 6/6, UL 94V-0, COLOR: RED  
111X - POLYESTER 30% GR UL 94V-0  
COLOR: WHITE  
CONTACT MATERIAL: PHOSPHOR BRONZE
- 2) PIN FINISH:  
11XQ- BRITE TIN OVER NICKEL PLATE.  
11XE- .000030 SEL GOLD PLATE AS INDICATED,  
.0001/.0002 SEL. TIN/LEAD, OVER NICKEL PLATE  
11X8- .000030 SEL GOLD PLATE IN CONTACT AREA  
OVER NICKEL PLATE ALL OVER; SEL TIN/LEAD  
ON SOLDER TAIL PER DRAWING.



RECOMMENDED PC BOARD LAYOUT

| PART NUMBER       | NO. OF POS. | DIM "D" | DIM "E" |
|-------------------|-------------|---------|---------|
| 11XX-14-102-XXX   | 2           | .100    | .19     |
| ↑ 11XX-14-103-XXX | 3           | .200    | .29     |
| ↑ 11XX-14-104-XXX | 4           | .300    | .39     |
| ↑ 11XX-14-105-XXX | 5           | .400    | .49     |
| ↑ 11XX-14-106-XXX | 6           | .500    | .59     |
| ↑ 11XX-14-107-XXX | 7           | .600    | .69     |
| ↑ 11XX-14-108-XXX | 8           | .700    | .79     |
| ↑ 11XX-14-109-XXX | 9           | .800    | .89     |
| ↑ 11XX-14-110-XXX | 10          | .900    | .99     |
| ↑ 11XX-14-111-XXX | 11          | 1.000   | 1.09    |
| ↑ 11XX-14-112-XXX | 12          | 1.100   | 1.19    |
| ↑ 11XX-14-113-XXX | 13          | 1.200   | 1.29    |
| ↑ 11XX-14-114-XXX | 14          | 1.300   | 1.39    |
| ↑ 11XX-14-115-XXX | 15          | 1.400   | 1.49    |
| ↑ 11XX-14-116-XXX | 16          | 1.500   | 1.59    |
| ↑ 11XX-14-117-XXX | 17          | 1.600   | 1.69    |
| ↑ 11XX-14-118-XXX | 18          | 1.700   | 1.79    |
| ↑ 11XX-14-119-XXX | 19          | 1.800   | 1.89    |
| ↑ 11XX-14-120-XXX | 20          | 1.900   | 1.99    |
| ↑ 11XX-14-121-XXX | 21          | 2.000   | 2.09    |
| ↑ 11XX-14-122-XXX | 22          | 2.100   | 2.19    |
| ↑ 11XX-14-123-XXX | 23          | 2.200   | 2.29    |
| ↑ 11XX-14-124-XXX | 24          | 2.300   | 2.39    |
| ↑ 11XX-14-125-XXX | 25          | 2.400   | 2.49    |
| ↑ 11XX-14-126-XXX | 26          | 2.500   | 2.59    |
| ↑ 11XX-14-127-XXX | 27          | 2.600   | 2.69    |
| ↑ 11XX-14-128-XXX | 28          | 2.700   | 2.79    |



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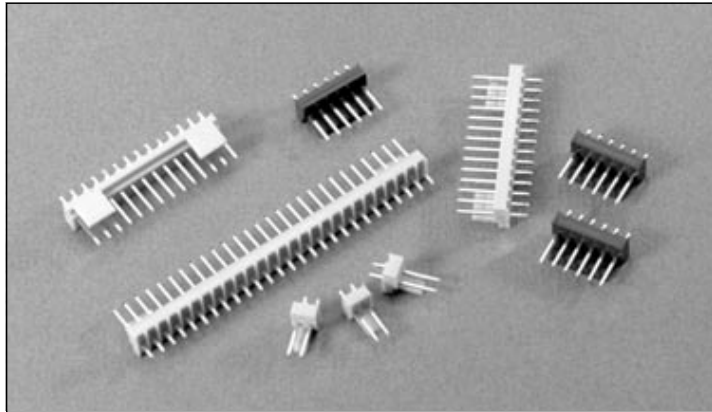
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# .100" (2.54mm) Single Row Through Hole, Vertical, Polarizing Headers



## 1100 SERIES "TERMACON"

### PART NUMBER LEGEND

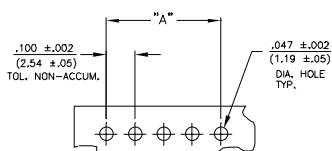
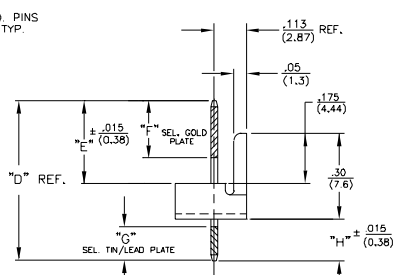
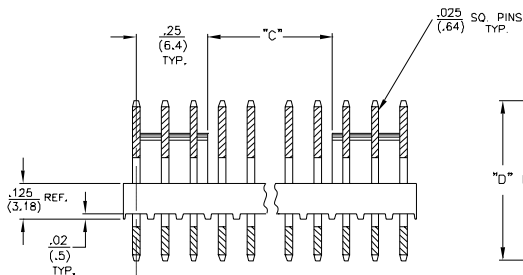
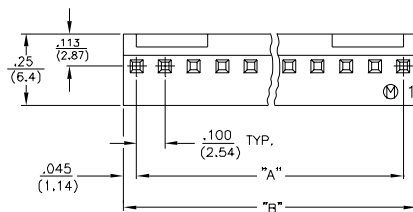
#### 11XX-20-1XX-XX

- PIN LENGTH (SEE TABLE 2)
- NUMBER OF POSITIONS PER ROW (SEE TABLE 1)
- PIN PLATING (SEE NOTE 2)
- INSULATOR MATERIAL (SEE NOTE 1)

**MATING CONNECTORS: 1000 SERIES & 1300 SERIES CRIMP OR IDC STYLE CONNECTOR**

### NOTES :

- MATERIALS: INSULATOR : 110X - NYLON 6/6, UL94V-0.  
COLOR: NATURAL(RED)  
AVAILABLE ON 2 POS. THRU 8 POS. ONLY.  
111X - POLYESTER (PCT) 30% GLASS-FILLED,  
UL94V-0, COLOR : NATURAL  
PIN : PHOSPHOR BRONZE
- PIN PLATING:  
11X0 - TIN/LEAD OVER NICKEL PLATE.  
11X2 - .000015 GOLD OVER .000030 NICKEL PLATE.  
11XB - .000050 NICKEL PLATE ALL OVER;  
.000015 SEL. GOLD PLATE AS INDICATED;  
.0001-.0002 SEL. TIN/LEAD AS INDICATED.  
11XF - .000050 NICKEL PLATE ALL OVER;  
.000030 SEL. GOLD PLATE AS INDICATED;  
.0001-.0002 SEL. TIN/LEAD AS INDICATED.
- ALL DIMENSIONS ARE IN IN./ (MM.).
- FOR CIRCUITS 2 THRU 6 LOCKING RAMP WILL BE SOLID.



RECOMMENDED P.C. BOARD LAYOUT

| PART NUMBER    | DIM. D<br>REF.   | DIM. E       | DIM. F       | DIM. G       | DIM. H          |
|----------------|------------------|--------------|--------------|--------------|-----------------|
| 11XX-20-1XX-01 | .540<br>(13.72)  | .29<br>(7.4) | .20<br>(5.1) | .12<br>(3.0) | .125<br>(3.18)  |
| 11XX-20-1XX-02 | .940<br>(23.88)  | .29<br>(7.4) | —            | —            | .525<br>(13.34) |
| 11XX-20-1XX-03 | .685<br>(17.40)  | .23<br>(5.8) | —            | —            | .330<br>(8.38)  |
| 11XX-20-1XX-04 | .685<br>(17.40)  | .29<br>(7.4) | —            | —            | .270<br>(6.86)  |
| 11XX-20-1XX-05 | .640<br>(16.26)  | .30<br>(7.6) | —            | —            | .215<br>(5.46)  |
| 11XX-20-1XX-06 | 1.100<br>(27.94) | .29<br>(7.4) | —            | —            | .685<br>(17.40) |

| PART NUMBER    | No. OF<br>POS. | "A" ±.010<br>(±.25) | "B" ±.010<br>(±.25) | "C" ±.010<br>(±.25) |
|----------------|----------------|---------------------|---------------------|---------------------|
| 11XX-20-102-XX | 2              | .100<br>(2.54)      | .100<br>(2.54)      | SEE NOTE 5.         |
| ↑ -103- ↑      | 3              | .200<br>(5.08)      | .200<br>(5.08)      | ↑                   |
| ↑ -104- ↑      | 4              | .300<br>(7.62)      | .300<br>(7.62)      | ↑                   |
| ↑ -105- ↑      | 5              | .400<br>(10.16)     | .400<br>(10.16)     | ↑                   |
| ↑ -106- ↑      | 6              | .500<br>(12.70)     | .500<br>(12.70)     | ↑                   |
| ↑ -107- ↑      | 7              | .600<br>(15.24)     | .600<br>(15.24)     | ↑                   |
| ↑ -108- ↑      | 8              | .700<br>(17.78)     | .700<br>(17.78)     | ↑                   |
| ↑ -109- ↑      | 9              | .800<br>(20.32)     | .800<br>(20.32)     | ↑                   |
| ↑ -110- ↑      | 10             | .900<br>(22.86)     | .900<br>(22.86)     | ↑                   |
| ↑ -111- ↑      | 11             | 1.000<br>(25.40)    | 1.000<br>(25.40)    | ↑                   |
| ↑ -112- ↑      | 12             | 1.100<br>(27.94)    | 1.100<br>(27.94)    | ↑                   |
| ↑ -113- ↑      | 13             | 1.200<br>(30.48)    | 1.200<br>(30.48)    | ↑                   |
| ↑ -114- ↑      | 14             | 1.300<br>(33.02)    | 1.300<br>(33.02)    | ↑                   |
| ↑ -115- ↑      | 15             | 1.400<br>(35.56)    | 1.400<br>(35.56)    | ↑                   |
| ↑ -116- ↑      | 16             | 1.500<br>(38.10)    | 1.500<br>(38.10)    | ↑                   |
| ↑ -117- ↑      | 17             | 1.600<br>(40.64)    | 1.600<br>(40.64)    | ↑                   |
| ↑ -118- ↑      | 18             | 1.700<br>(43.18)    | 1.700<br>(43.18)    | ↑                   |
| ↑ -119- ↑      | 19             | 1.800<br>(45.72)    | 1.800<br>(45.72)    | ↑                   |
| ↑ -120- ↑      | 20             | 1.900<br>(48.26)    | 1.900<br>(48.26)    | ↑                   |
| ↑ -121- ↑      | 21             | 2.000<br>(50.80)    | 2.000<br>(50.80)    | ↑                   |
| ↑ -122- ↑      | 22             | 2.100<br>(53.34)    | 2.100<br>(53.34)    | ↑                   |
| ↑ -123- ↑      | 23             | 2.200<br>(55.88)    | 2.200<br>(55.88)    | ↑                   |
| ↑ -124- ↑      | 24             | 2.300<br>(58.42)    | 2.300<br>(58.42)    | ↑                   |
| ↑ -125- ↑      | 25             | 2.400<br>(60.96)    | 2.400<br>(60.96)    | ↑                   |
| ↑ -126- ↑      | 26             | 2.500<br>(63.50)    | 2.500<br>(63.50)    | ↑                   |
| ↑ -127- ↑      | 27             | 2.600<br>(66.04)    | 2.600<br>(66.04)    | ↑                   |
| 11XX-20-128-XX | 28             | 2.700<br>(68.58)    | 2.700<br>(68.58)    | 2.200<br>(55.88)    |



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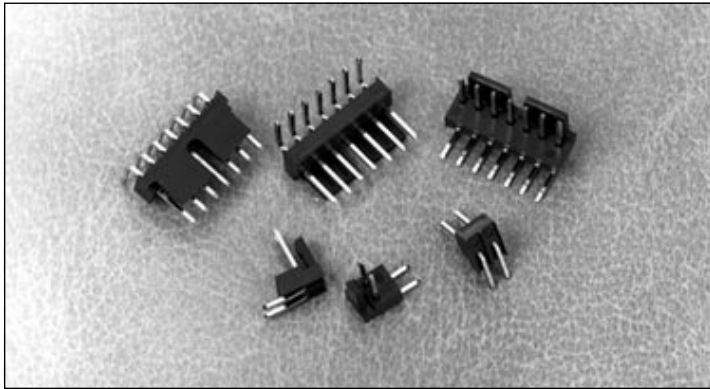
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# .100" (2.54mm) Single Row, Through Hole, Right Angle, Top Polarizing, Locking Headers (Short Back)



## 1100 SERIES "TERMACON"

### PART NUMBER LEGEND

#### 11XX-21-1XX-XX

- PIN LENGTH (SEE TABLE 2)
- NUMBER OF POSITIONS PER ROW (SEE TABLE 1)
- PIN PLATING (SEE NOTE 2)
- INSULATOR MATERIAL (SEE NOTE 1)

### MATING CONNECTORS: 1300 SERIES CRIMP OR IDC STYLE CONNECTORS

#### NOTES :

1. MATERIALS: INSULATOR : 110X - NYLON 6/6, UL94V-0, COLOR: NATURAL (RED)  
AVAILABLE ON 2 POS. THRU 8 POS. ONLY.  
111X - POLYESTER (PCT) 30% GLASS-FILLED, UL94V-0, COLOR : NATURAL  
PIN : PHOSPHOR BRONZE
2. PIN PLATING:  
11X0 - TIN/LEAD OVER NICKEL PLATE.  
11X2 - .000015 GOLD OVER .000030 NICKEL PLATE.  
11X8 - .000050 NICKEL PLATE ALL OVER;  
.000015 SEL. GOLD PLATE AS INDICATED;  
.0001-.0002 SEL. TIN/LEAD AS INDICATED.  
11XF - .000050 NICKEL PLATE ALL OVER;  
.000030 SEL. GOLD PLATE AS INDICATED;  
.0001-.0002 SEL. TIN/LEAD AS INDICATED.
3. ALL DIMENSIONS ARE IN IN./ (MM.).
4. FOR CIRCUITS 2 THRU 6 LOCKING RAMP WILL BE SOLID.

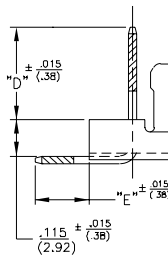
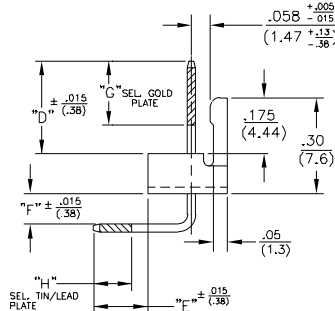
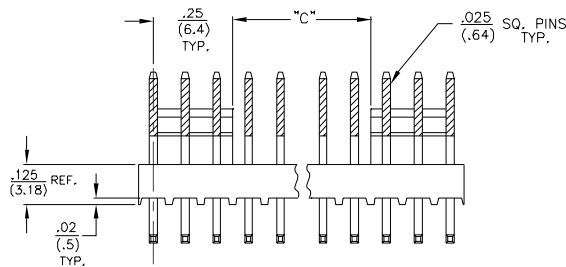
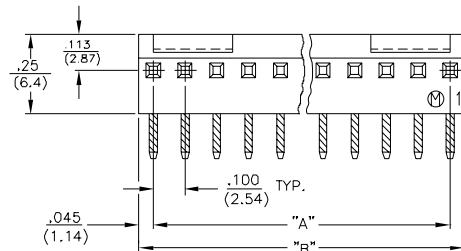
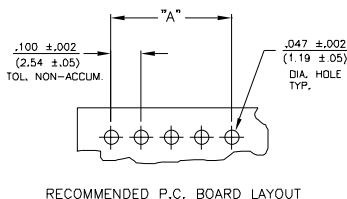


FIGURE 2  
OTHERWISE SAME AS FIGURE 1



RECOMMENDED P.C. BOARD LAYOUT

| PART NUMBER    | DIM.D     | DIM.E       | DIM.F       | DIM.G     | DIM.H     | SEE FIGURE # |
|----------------|-----------|-------------|-------------|-----------|-----------|--------------|
| 11XX-21-1XX-01 | .29 (7.4) | .14 (3.6)   | —           | .20 (5.1) | .12 (3.0) | FIGURE 2     |
| 11XX-21-1XX-02 | .26 (6.6) | .14 (3.6)   | .08 (2.0)   | .20 (5.1) | .12 (3.0) | FIGURE 1     |
| 11XX-21-1XX-03 | .29 (7.4) | .105 (2.67) | —           | .20 (5.1) | .12 (3.0) | FIGURE 2     |
| 11XX-21-1XX-04 | .30 (7.6) | .142 (3.61) | .095 (2.41) | —         | —         | FIGURE 1     |
| 11XX-21-1XX-05 | .26 (6.6) | .126 (3.20) | .095 (2.41) | .20 (5.1) | .12 (3.0) | FIGURE 1     |
| 11XX-21-1XX-06 | .26 (6.6) | .143 (3.63) | —           | —         | —         | FIGURE 2     |

| PART NUMBER    | No. OF POS. | "A" ±.010 (±.25) | "B" ±.010 (±.25) | "C" ±.010 (±.25) |
|----------------|-------------|------------------|------------------|------------------|
| 11XX-21-102-XX | 2           | .100 (2.54)      | .190 (4.83)      | SEE NOTE 5.      |
| ↑ -103- ↑      | 3           | .200 (5.08)      | .290 (7.37)      | ↑                |
| -104-          | 4           | .300 (7.62)      | .390 (9.91)      |                  |
| -105-          | 5           | .400 (10.16)     | .490 (12.45)     |                  |
| -106-          | 6           | .500 (12.70)     | .590 (14.99)     | SEE NOTE 5.      |
| -107-          | 7           | .600 (15.24)     | .690 (17.53)     | .100 (2.54)      |
| -108-          | 8           | .700 (17.78)     | .790 (20.07)     | .200 (5.08)      |
| -109-          | 9           | .800 (20.32)     | .890 (22.61)     | .300 (7.62)      |
| -110-          | 10          | .900 (22.86)     | .990 (25.15)     | .400 (10.16)     |
| -111-          | 11          | 1.000 (25.40)    | 1.090 (27.69)    | .500 (12.70)     |
| -112-          | 12          | 1.100 (27.94)    | 1.190 (30.23)    | .600 (15.24)     |
| -113-          | 13          | 1.200 (30.48)    | 1.290 (32.77)    | .700 (17.78)     |
| -114-          | 14          | 1.300 (33.02)    | 1.390 (35.31)    | .800 (20.32)     |
| -115-          | 15          | 1.400 (35.56)    | 1.490 (37.85)    | .900 (22.86)     |
| -116-          | 16          | 1.500 (38.10)    | 1.590 (40.39)    | 1.000 (25.40)    |
| -117-          | 17          | 1.600 (40.64)    | 1.690 (42.93)    | 1.100 (27.94)    |
| -118-          | 18          | 1.700 (43.18)    | 1.790 (45.47)    | 1.200 (30.48)    |
| -119-          | 19          | 1.800 (45.72)    | 1.890 (48.01)    | 1.300 (33.02)    |
| -120-          | 20          | 1.900 (48.26)    | 1.990 (50.55)    | 1.400 (35.56)    |
| -121-          | 21          | 2.000 (50.80)    | 2.090 (53.09)    | 1.500 (38.10)    |
| -122-          | 22          | 2.100 (53.34)    | 2.190 (55.63)    | 1.600 (40.64)    |
| -123-          | 23          | 2.200 (55.88)    | 2.290 (58.17)    | 1.700 (43.18)    |
| -124-          | 24          | 2.300 (58.42)    | 2.390 (60.71)    | 1.800 (45.72)    |
| -125-          | 25          | 2.400 (60.96)    | 2.490 (63.26)    | 1.900 (48.26)    |
| -126-          | 26          | 2.500 (63.50)    | 2.590 (65.79)    | 2.000 (50.80)    |
| -127-          | 27          | 2.600 (66.04)    | 2.690 (68.33)    | 2.100 (53.34)    |
| 11XX-21-128-XX | 28          | 2.700 (68.58)    | 2.790 (70.87)    | 2.200 (55.88)    |



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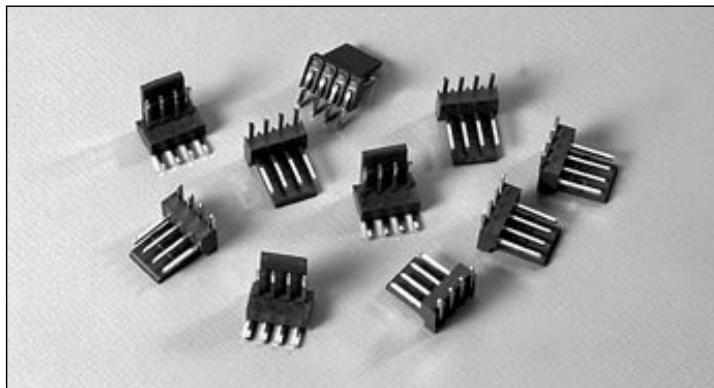
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# .100" (2.54mm) Single Row, Through Hole, Right Angle, Top Polarizing Locking Headers (Tall Back)



## 1100 SERIES "TERMACON"

### PART NUMBER LEGEND

#### 11XX-22-1XX-XX

- PIN LENGTH (SEE TABLE 2)
- NUMBER OF POSITIONS PER ROW (SEE TABLE 1)
- PIN PLATING (SEE NOTE 2)
- INSULATOR MATERIAL (SEE NOTE 1)

### MATING CONNECTORS: 1300 SERIES CRIMP OR IDC STYLE CONNECTORS

#### NOTES :

- MATERIALS: INSULATOR : 110X - NYLON 6/6, UL94V-0, COLOR: NATURAL(RED)  
AVAILABLE ON 2 POS. THRU 8 POS. ONLY.  
111X - POLYESTER (PCT) 30% GLASS-FILLED, UL94V-0, COLOR : NATURAL  
PIN : PHOSPHOR BRONZE
- PIN PLATING:  
11X0 - TIN/LEAD OVER NICKEL PLATE.  
11X2 - .000015 GOLD OVER .000030 NICKEL PLATE.  
11XB - .000050 NICKEL PLATE ALL OVER;  
.000015 SEL. GOLD PLATE AS INDICATED;  
.0001-.0002 SEL. TIN/LEAD AS INDICATED.  
11XF - .000050 NICKEL PLATE ALL OVER;  
.000030 SEL. GOLD PLATE AS INDICATED;  
.0001-.0002 SEL. TIN/LEAD AS INDICATED.
- ALL DIMENSIONS ARE IN IN./(MM.).
- FOR CIRCUITS 2 THRU 6 LOCKING RAMP WILL BE SOLID.

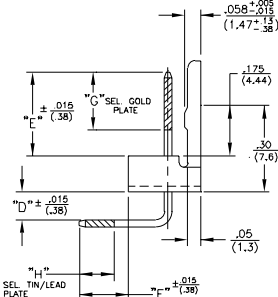
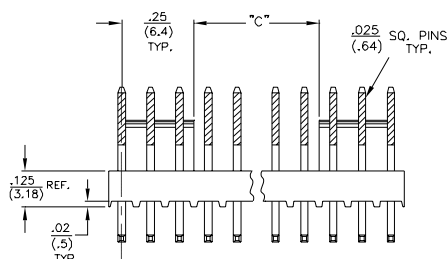
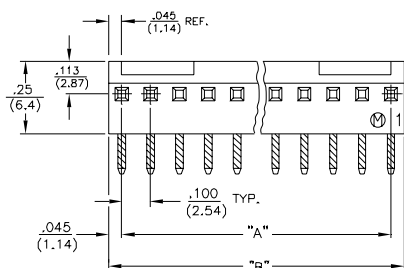
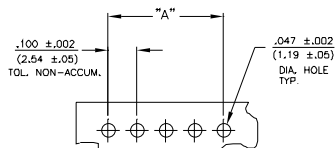


FIGURE 1

FIGURE 2  
OTHERWISE SAME AS FIGURE 1



RECOMMENDED P.C. BOARD LAYOUT

| PART NUMBER    | No. OF POS. | "A" ±.010<br>(±.25) | "B" ±.010<br>(±.25) | "C" ±.010<br>(±.25) |
|----------------|-------------|---------------------|---------------------|---------------------|
| 11XX-22-102-XX | 2           | .100<br>(2.54)      | .190<br>(4.83)      | SEE NOTE 5.         |
| ↑ -103- ↓      | 3           | .200<br>(5.08)      | .290<br>(7.37)      | ↑                   |
| ↑ -104- ↓      | 4           | .300<br>(7.62)      | .390<br>(9.91)      | ↑                   |
| ↑ -105- ↓      | 5           | .400<br>(10.16)     | .490<br>(12.45)     | ↑                   |
| ↑ -106- ↓      | 6           | .500<br>(12.70)     | .590<br>(14.99)     | ↑ SEE NOTE 5.       |
| ↑ -107- ↓      | 7           | .600<br>(15.24)     | .690<br>(17.53)     | .100<br>(2.54)      |
| ↑ -108- ↓      | 8           | .700<br>(17.78)     | .790<br>(20.07)     | .200<br>(5.08)      |
| ↑ -109- ↓      | 9           | .800<br>(20.32)     | .890<br>(22.61)     | .300<br>(7.62)      |
| ↑ -110- ↓      | 10          | .900<br>(22.86)     | .990<br>(25.15)     | .400<br>(10.16)     |
| ↑ -111- ↓      | 11          | 1.000<br>(25.40)    | 1.090<br>(27.69)    | .500<br>(12.70)     |
| ↑ -112- ↓      | 12          | 1.100<br>(27.94)    | 1.190<br>(30.23)    | .600<br>(15.24)     |
| ↑ -113- ↓      | 13          | 1.200<br>(30.48)    | 1.290<br>(32.77)    | .700<br>(17.78)     |
| ↑ -114- ↓      | 14          | 1.300<br>(33.02)    | 1.390<br>(35.31)    | .800<br>(20.32)     |
| ↑ -115- ↓      | 15          | 1.400<br>(35.56)    | 1.490<br>(37.85)    | .900<br>(22.86)     |
| ↑ -116- ↓      | 16          | 1.500<br>(38.10)    | 1.590<br>(40.39)    | 1.000<br>(25.40)    |
| ↑ -117- ↓      | 17          | 1.600<br>(40.64)    | 1.690<br>(42.93)    | 1.100<br>(27.94)    |
| ↑ -118- ↓      | 18          | 1.700<br>(43.18)    | 1.790<br>(45.47)    | 1.200<br>(30.48)    |
| ↑ -119- ↓      | 19          | 1.800<br>(45.72)    | 1.890<br>(48.01)    | 1.300<br>(33.02)    |
| ↑ -120- ↓      | 20          | 1.900<br>(48.26)    | 1.990<br>(50.55)    | 1.400<br>(35.56)    |
| ↑ -121- ↓      | 21          | 2.000<br>(50.80)    | 2.090<br>(53.09)    | 1.500<br>(38.10)    |
| ↑ -122- ↓      | 22          | 2.100<br>(53.34)    | 2.190<br>(55.63)    | 1.600<br>(40.64)    |
| ↑ -123- ↓      | 23          | 2.200<br>(55.88)    | 2.290<br>(58.17)    | 1.700<br>(43.18)    |
| ↑ -124- ↓      | 24          | 2.300<br>(58.42)    | 2.390<br>(60.71)    | 1.800<br>(45.72)    |
| ↑ -125- ↓      | 25          | 2.400<br>(60.96)    | 2.490<br>(63.26)    | 1.900<br>(48.26)    |
| ↑ -126- ↓      | 26          | 2.500<br>(63.50)    | 2.590<br>(65.79)    | 2.000<br>(50.80)    |
| ↑ -127- ↓      | 27          | 2.600<br>(66.04)    | 2.690<br>(68.33)    | 2.100<br>(53.34)    |
| 11XX-22-128-XX | 28          | 2.700<br>(68.58)    | 2.790<br>(70.87)    | 2.200<br>(55.88)    |

| PART NUMBER    | DIM.D          | DIM.E          | DIM.F          | DIM.G        | DIM.H        | SEE FIGURE # |
|----------------|----------------|----------------|----------------|--------------|--------------|--------------|
| 11XX-22-1XX-01 | —              | .29<br>(7.4)   | .140<br>(3.56) | .20<br>(5.1) | .12<br>(3.0) | FIGURE 2     |
| 11XX-22-1XX-02 | —              | .260<br>(6.60) | .143<br>(3.63) | .20<br>(5.1) | .12<br>(3.0) | FIGURE 2     |
| 11XX-22-1XX-03 | .08<br>(2.0)   | .25<br>(6.4)   | .140<br>(3.56) | —            | —            | FIGURE 1     |
| 11XX-22-1XX-04 | .179<br>(4.55) | .26<br>(6.6)   | .126<br>(3.20) | —            | —            | FIGURE 1     |
| 11XX-22-1XX-05 | .040<br>(3.36) | .220<br>(5.59) | .143<br>(3.63) | —            | —            | FIGURE 1     |



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+353 (0) 61 401222 • Fax: +353 (0) 61 401942

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#### Far East:

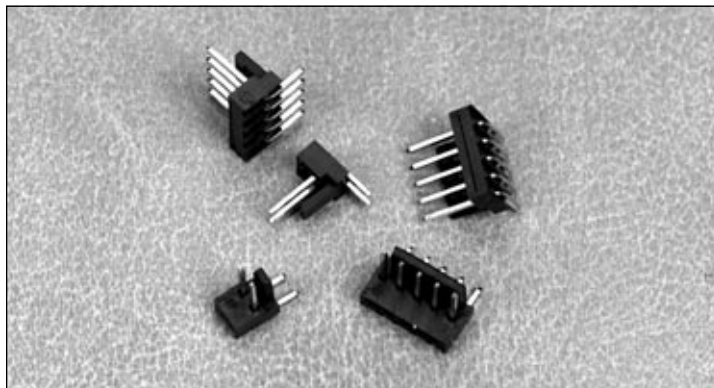
#### Methode Electronics Far East, Pte. Ltd.

1 Tuas Lane, Jurong Town • Singapore 638610

65-68615444 • Fax: 65-68614777

Email: sales@methode.com.sg • Web: www.methode.com/mefe/index.html

# .100" (2.54mm) Single Row, Through Hole Right Angle, Bottom Polarizing Headers



## 1100 SERIES "TERMACON"

PART NUMBER LEGEND

11XX-23-1XX-01

NUMBER OF POSITIONS PER ROW  
(SEE TABLE 1)

PIN PLATING  
(SEE NOTE 2)

INSULATOR MATERIAL (SEE NOTE 1)

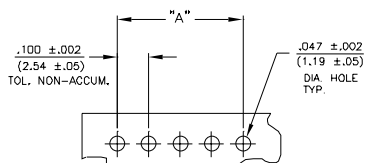
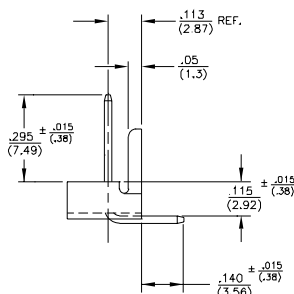
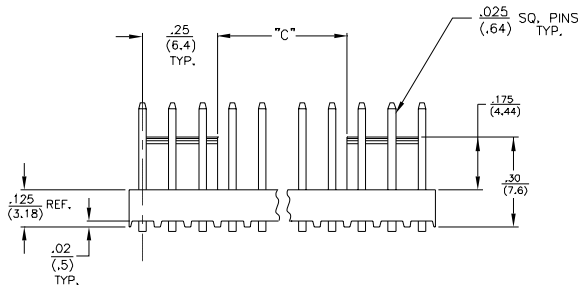
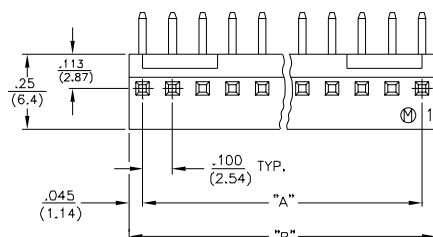
**MATING CONNECTORS: 1000 SERIES & 1300 SEREIS CRIMP OR IDC STYLE CONNECTORS**

### NOTES :

1. MATERIALS: INSULATOR : 110X - NYLON 6/6, UL94V-0, COLOR: NATURAL(RED)  
AVAILABLE ON 2 POS. THRU 8 POS. ONLY.  
111X - POLYESTER (PCT) 30% GLASS-FILLED, UL94V-0, COLOR : NATURAL

PIN : PHOSPHOR BRONZE

2. PIN PLATING:  
11X0 - TIN/LEAD OVER NICKEL PLATE.  
11X2 - .000015 GOLD OVER .000030 NICKEL PLATE.
3. ALL DIMENSIONS ARE IN IN./(MM.).
4. FOR CIRCUITS 2 THRU 6 LOCKING RAMP WILL BE SOLID.



RECOMMENDED P.C. BOARD LAYOUT

TABLE 1

| PART NUMBER    | No. OF POS. | "A" ±.010 (±.25) | "B" ±.010 (±.25) | "C" ±.010 (±.25) |
|----------------|-------------|------------------|------------------|------------------|
| 11XX-23-102-01 | 2           | .100 (2.54)      | .190 (4.83)      | SEE NOTE 5.      |
| ↑              | ↑           | ↑                | ↑                | ↑                |
| -103-          | 3           | .200 (5.08)      | .290 (7.37)      | ↑                |
| -104-          | 4           | .300 (7.62)      | .390 (9.91)      | ↑                |
| -105-          | 5           | .400 (10.16)     | .490 (12.45)     | ↑                |
| ↑              | ↑           | ↑                | ↑                | ↑                |
| -106-          | 6           | .500 (12.70)     | .590 (14.99)     | SEE NOTE 5.      |
| ↑              | ↑           | ↑                | ↑                | ↑                |
| -107-          | 7           | .600 (15.24)     | .690 (17.53)     | .100 (2.54)      |
| -108-          | 8           | .700 (17.78)     | .790 (20.07)     | .200 (5.08)      |
| -109-          | 9           | .800 (20.32)     | .890 (22.61)     | .300 (7.62)      |
| -110-          | 10          | .900 (22.86)     | .990 (25.15)     | .400 (10.16)     |
| -111-          | 11          | 1.000 (25.40)    | 1.090 (27.69)    | .500 (12.70)     |
| -112-          | 12          | 1.100 (27.94)    | 1.190 (30.23)    | .600 (15.24)     |
| -113-          | 13          | 1.200 (30.48)    | 1.290 (32.77)    | .700 (17.78)     |
| -114-          | 14          | 1.300 (33.02)    | 1.390 (35.31)    | .800 (20.32)     |
| -115-          | 15          | 1.400 (35.56)    | 1.490 (37.85)    | .900 (22.86)     |
| -116-          | 16          | 1.500 (38.10)    | 1.590 (40.39)    | 1.000 (25.40)    |
| ↑              | ↑           | ↑                | ↑                | ↑                |
| -117-          | 17          | 1.600 (40.64)    | 1.690 (43.18)    | 1.100 (27.94)    |
| -118-          | 18          | 1.700 (43.18)    | 1.790 (45.72)    | 1.200 (30.48)    |
| -119-          | 19          | 1.800 (45.72)    | 1.890 (48.01)    | 1.300 (33.02)    |
| -120-          | 20          | 1.900 (48.26)    | 1.990 (50.55)    | 1.400 (35.56)    |
| -121-          | 21          | 2.000 (50.80)    | 2.090 (53.09)    | 1.500 (38.10)    |
| -122-          | 22          | 2.100 (53.34)    | 2.190 (55.63)    | 1.600 (40.64)    |
| ↑              | ↑           | ↑                | ↑                | ↑                |
| -123-          | 23          | 2.200 (55.88)    | 2.290 (58.17)    | 1.700 (43.18)    |
| -124-          | 24          | 2.300 (58.42)    | 2.390 (60.71)    | 1.800 (45.72)    |
| -125-          | 25          | 2.400 (60.96)    | 2.490 (63.26)    | 1.900 (48.26)    |
| -126-          | 26          | 2.500 (63.50)    | 2.590 (65.79)    | 2.000 (50.80)    |
| ↑              | ↑           | ↑                | ↑                | ↑                |
| -127-          | 27          | 2.600 (66.04)    | 2.690 (68.33)    | 2.100 (53.34)    |
| ↓              | ↓           | ↓                | ↓                | ↓                |
| 11XX-23-128-01 | 28          | 2.700 (68.58)    | 2.790 (70.87)    | 2.200 (55.88)    |



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Far East:

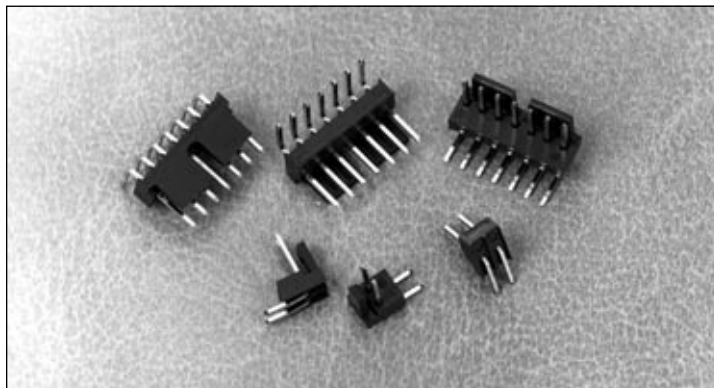
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1 Tuas Lane, Jurong Town • Singapore 638610

65-68615444 • Fax: 65-68614777

Email: sales@methode.com.sg • Web: www.methode.com/mefe/index.html

# .100" (2.54mm) Single Row, Through Hole Right Angle, Top Polarizing Headers



## 1100 SERIES "TERMACON"

### PART NUMBER LEGEND

#### 11XX-25-1XX-XX

- PIN LENGTH (SEE TABLE 2)
- NUMBER OF POSITIONS PER ROW (SEE TABLE 1)
- PIN PLATING (SEE NOTE 2)
- INSULATOR MATERIAL (SEE NOTE 1)

**MATING CONNECTORS: 1000 SERIES & 1300 SERIES CRIMP OR IDC STYLE CONNECTORS**

### NOTES :

- MATERIALS: INSULATOR : 110X - NYLON 6/6, UL94V-0, COLOR: NATURAL(RED)  
AVAILABLE ON 2 POS. THRU 8 POS. ONLY.  
111X - POLYESTER (PCT) 30% GLASS-FILLED, UL94V-0, COLOR : NATURAL  
PIN : PHOSPHOR BRONZE
- PIN PLATING:  
11X0 - TIN/LEAD OVER NICKEL PLATE.  
11X2 - .000015 GOLD OVER .000030 NICKEL PLATE.  
11X8 - .000050 NICKEL PLATE ALL OVER;  
.000015 SEL. GOLD PLATE AS INDICATED;  
.0001-.0002 SEL. TIN/LEAD AS INDICATED.  
11XF - .000050 NICKEL PLATE ALL OVER;  
.000030 SEL. GOLD PLATE AS INDICATED;  
.0001-.0002 SEL. TIN/LEAD AS INDICATED.
- ALL DIMENSIONS ARE IN IN./ (MM.).
- FOR CIRCUITS 2 THRU 6 LOCKING RAMP WILL BE SOLID.

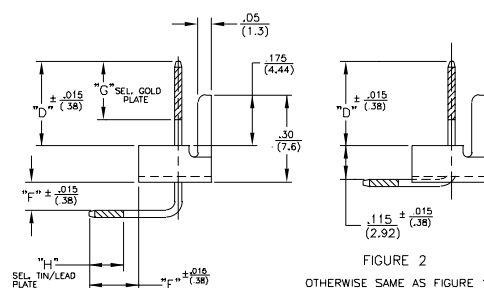
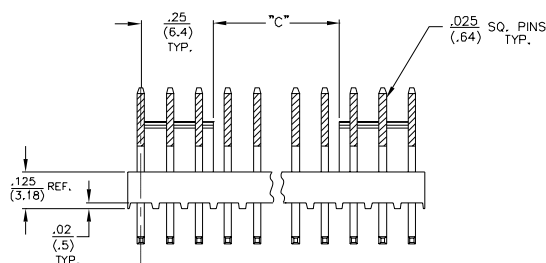
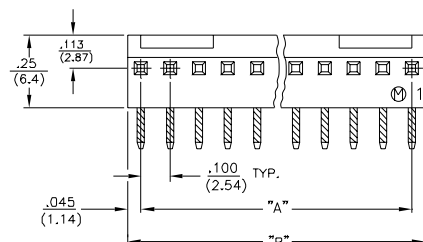
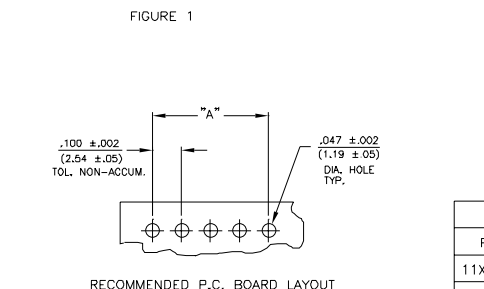


FIGURE 2  
OTHERWISE SAME AS FIGURE 1



RECOMMENDED P.C. BOARD LAYOUT

| PART NUMBER    | DIM.D        | DIM.E          | DIM.F        | DIM.G        | DIM.H        | SEE FIGURE # |
|----------------|--------------|----------------|--------------|--------------|--------------|--------------|
| 11XX-25-1XX-01 | .29<br>(7.4) | .140<br>(3.56) | —            | .20<br>(5.1) | .12<br>(3.0) | FIGURE 2     |
| 11XX-25-1XX-02 | .26<br>(6.6) | .140<br>(3.56) | .08<br>(2.0) | .20<br>(5.1) | .12<br>(3.0) | FIGURE 1     |
| 11XX-25-1XX-03 | .29<br>(7.4) | .105<br>(2.67) | —            | —            | —            | FIGURE 2     |

| PART NUMBER    | No. OF POS. | "A" ±.010<br>(±.25) | "B" ±.010<br>(±.25) | "C" ±.010<br>(±.25) |
|----------------|-------------|---------------------|---------------------|---------------------|
| 11XX-25-102-XX | 2           | .100<br>(2.54)      | .190<br>(4.83)      | SEE NOTE 5.         |
| ↑ -103- ↓      | 3           | .200<br>(5.08)      | .290<br>(7.37)      | ↑                   |
| ↑ -104- ↓      | 4           | .300<br>(7.62)      | .390<br>(9.91)      | ↑                   |
| ↑ -105- ↓      | 5           | .400<br>(10.16)     | .490<br>(12.45)     | ↑                   |
| ↑ -106- ↓      | 6           | .500<br>(12.70)     | .590<br>(14.99)     | ↑                   |
| ↑ -107- ↓      | 7           | .600<br>(15.24)     | .690<br>(17.53)     | ↑                   |
| ↑ -108- ↓      | 8           | .700<br>(17.78)     | .790<br>(20.07)     | ↑                   |
| ↑ -109- ↓      | 9           | .800<br>(20.32)     | .890<br>(22.61)     | ↑                   |
| ↑ -110- ↓      | 10          | .900<br>(22.86)     | .990<br>(25.15)     | ↑                   |
| ↑ -111- ↓      | 11          | 1.000<br>(25.40)    | 1.090<br>(27.69)    | ↑                   |
| ↑ -112- ↓      | 12          | 1.100<br>(27.94)    | 1.190<br>(30.23)    | ↑                   |
| ↑ -113- ↓      | 13          | 1.200<br>(30.48)    | 1.290<br>(32.77)    | ↑                   |
| ↑ -114- ↓      | 14          | 1.300<br>(33.02)    | 1.390<br>(35.31)    | ↑                   |
| ↑ -115- ↓      | 15          | 1.400<br>(35.56)    | 1.490<br>(37.85)    | ↑                   |
| ↑ -116- ↓      | 16          | 1.500<br>(38.10)    | 1.590<br>(40.39)    | ↑                   |
| ↑ -117- ↓      | 17          | 1.600<br>(40.64)    | 1.690<br>(42.93)    | ↑                   |
| ↑ -118- ↓      | 18          | 1.700<br>(43.18)    | 1.790<br>(45.47)    | ↑                   |
| ↑ -119- ↓      | 19          | 1.800<br>(45.72)    | 1.890<br>(48.01)    | ↑                   |
| ↑ -120- ↓      | 20          | 1.900<br>(48.26)    | 1.990<br>(50.55)    | ↑                   |
| ↑ -121- ↓      | 21          | 2.000<br>(50.80)    | 2.090<br>(53.09)    | ↑                   |
| ↑ -122- ↓      | 22          | 2.100<br>(53.34)    | 2.190<br>(55.63)    | ↑                   |
| ↑ -123- ↓      | 23          | 2.200<br>(55.88)    | 2.290<br>(58.17)    | ↑                   |
| ↑ -124- ↓      | 24          | 2.300<br>(58.42)    | 2.390<br>(60.71)    | ↑                   |
| ↑ -125- ↓      | 25          | 2.400<br>(60.96)    | 2.490<br>(63.26)    | ↑                   |
| ↑ -126- ↓      | 26          | 2.500<br>(63.50)    | 2.590<br>(65.79)    | ↑                   |
| ↑ -127- ↓      | 27          | 2.600<br>(66.04)    | 2.690<br>(68.33)    | ↑                   |
| 11XX-25-128-XX | 28          | 2.700<br>(68.58)    | 2.790<br>(70.87)    | 2.200<br>(55.88)    |



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Far East:

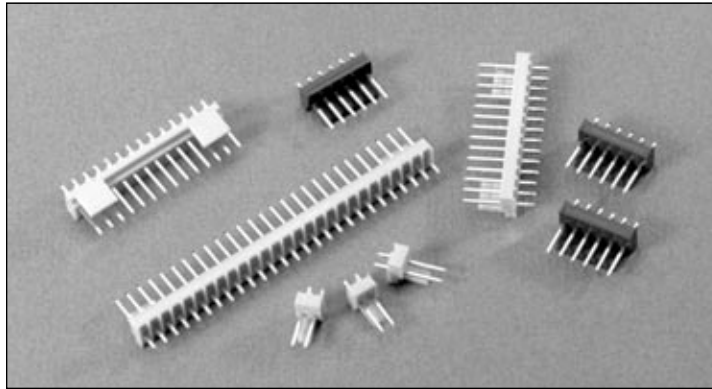
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# .100" (2.54mm) Single Row, Through Hole Vertical, Polarizing, Locking Headers (Short Back)



## 1100 SERIES "TERMACON"

### PART NUMBER LEGEND

11XX-26-1XX-XX

PIN LENGTH (SEE TABLE 2)

NUMBER OF POSITIONS PER ROW (SEE TABLE 1)

PIN PLATING (SEE NOTE 2)

INSULATOR MATERIAL (SEE NOTE 1)

## MATING CONNECTORS: 1300 SERIES CRIMP OR IDC STYLE CONNECTORS

### NOTES:

1. MATERIALS: INSULATOR:  
110X NYLON 6/6, UL94V-0, (PAM-011)  
COLOR: NATURAL (RED)  
AVAILABLE ON 2 POS. THRU 8 POS. ONLY.  
111X - POLYESTER (PCT) 30% GLASS-FILLED,  
UL 94V-0, (PCT-003) COLOR: NATURAL

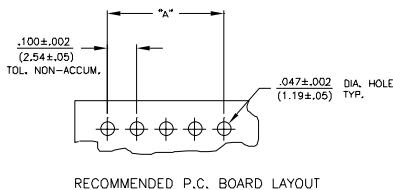
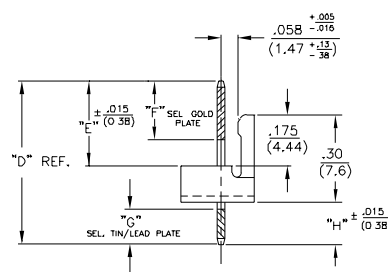
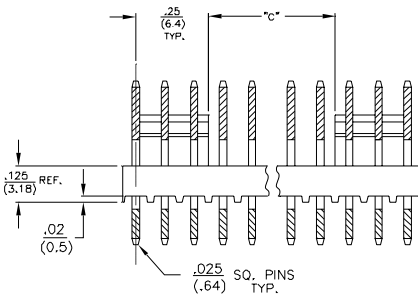
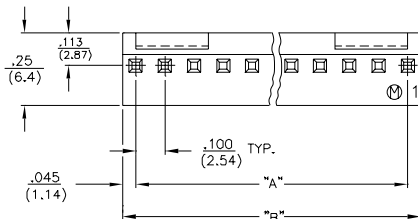
PIN: PHOSPHOR BRONZE

### 2. PIN PLATING:

- 11X0 - BRITTE TIN OVER NICKEL PLATE.
- 11X2 - .000015 GOLD OVER .000030 NICKEL PLATE.
- 11X8 - .000050 NICKEL PLATE ALL OVER;  
.000015 SEL. GOLD PLATE AS INDICATED;  
.0001-.0002 SEL. TIN/LEAD AS INDICATED.
- 11XF - .000050 NICKEL PLATE ALL OVER;  
.000030 SEL. GOLD PLATE AS INDICATED;  
.0001-.0002 SEL. TIN/LEAD AS INDICATED.

3. ALL DIMENSIONS ARE IN IN./ (MM.).

4. FOR CIRCUITS 2 THRU 6 LOCKING RAMP WILL BE SOLID.



RECOMMENDED P.C. BOARD LAYOUT

| PART NUMBER    | DIM. D<br>REF.   | DIM. E                  | DIM. F       | DIM. G       | DIM. H          |
|----------------|------------------|-------------------------|--------------|--------------|-----------------|
| 11XX-26-1XX-01 | .540<br>(13.72)  | .29<br>(7.4)            | .20<br>(5.1) | .12<br>(3.0) | .125<br>(3.18)  |
| 11XX-26-1XX-02 | .940<br>(23.88)  | .29<br>(7.4)            | —            | —            | .525<br>(13.34) |
| 11XX-26-1XX-03 | .685<br>(17.40)  | .23<br>(5.8)            | —            | —            | .330<br>(8.38)  |
| 11XX-26-1XX-04 | .685<br>(17.40)  | .29<br>(7.4)            | —            | —            | .270<br>(6.86)  |
| 11XX-26-1XX-05 | .640<br>(16.26)  | .30<br>(7.6)            | —            | —            | .215<br>(5.46)  |
| 11XX-26-1XX-06 | 1.100<br>(27.94) | .29<br>(7.4)            | —            | —            | .685<br>(17.40) |
| 11XX-26-1XX-07 | .515<br>(13.08)  | .295<br>(7.49±.25)      | .20<br>(5.1) | .12<br>(3.1) | .270<br>(6.86)  |
| 11XX-26-1XX-08 | .470<br>(11.94)  | .266±.010<br>(6.76±.25) | —            | —            | .079<br>(2.01)  |
| 11XX-26-1XX-09 | .875<br>(22.37)  | .25<br>(6.4)            | —            | —            | .100<br>(2.54)  |
| 11XX-26-1XX-10 | .360<br>(9.14)   | .16<br>(4.1)            | —            | —            | .075<br>(1.90)  |
| 11XX-26-1XX-11 | .560<br>(14.22)  | .295<br>(7.49)          | —            | —            | .140<br>(3.56)  |
| 11XX-26-1XX-12 | .590<br>(14.99)  | .290<br>(7.4)           | .20<br>(5.1) | .12<br>(3.1) | .175<br>(4.45)  |

| PART NO.       | No. OF POS. | "A" ±.010<br>(±.25) | "B" ±.010<br>(±.25) | "C" ±.010<br>(±.25) |
|----------------|-------------|---------------------|---------------------|---------------------|
| 11XX-26-102-XX | 2           | .100<br>(2.54)      | .190<br>(4.83)      | SEE NOTE 5.         |
| ↑ -103- ↑      | 3           | .200<br>(5.08)      | .290<br>(7.37)      | ↑                   |
| -104-          | 4           | .300<br>(7.62)      | .390<br>(9.91)      |                     |
| -105-          | 5           | .400<br>(10.16)     | .490<br>(12.45)     |                     |
| -106-          | 6           | .500<br>(12.70)     | .590<br>(14.99)     | SEE NOTE 5.         |
| -107-          | 7           | .600<br>(15.24)     | .690<br>(17.53)     | .100<br>(2.54)      |
| -108-          | 8           | .700<br>(17.78)     | .790<br>(20.07)     | .200<br>(5.08)      |
| -109-          | 9           | .800<br>(20.32)     | .890<br>(22.61)     | .300<br>(7.62)      |
| -110-          | 10          | .900<br>(22.86)     | .990<br>(25.15)     | .400<br>(10.16)     |
| -111-          | 11          | 1.000<br>(25.40)    | 1.090<br>(27.69)    | .500<br>(12.70)     |
| -112-          | 12          | 1.100<br>(27.94)    | 1.190<br>(30.23)    | .600<br>(15.24)     |
| -113-          | 13          | 1.200<br>(30.48)    | 1.290<br>(32.77)    | .700<br>(17.78)     |
| -114-          | 14          | 1.300<br>(33.02)    | 1.390<br>(35.31)    | .800<br>(20.32)     |
| -115-          | 15          | 1.400<br>(35.56)    | 1.490<br>(37.85)    | .900<br>(22.86)     |
| -116-          | 16          | 1.500<br>(38.10)    | 1.590<br>(40.39)    | 1.000<br>(25.40)    |
| -117-          | 17          | 1.600<br>(40.64)    | 1.690<br>(42.93)    | 1.100<br>(27.94)    |
| -118-          | 18          | 1.700<br>(43.18)    | 1.790<br>(45.47)    | 1.200<br>(30.48)    |
| -119-          | 19          | 1.800<br>(45.72)    | 1.890<br>(48.01)    | 1.300<br>(33.02)    |
| -120-          | 20          | 1.900<br>(48.26)    | 1.990<br>(50.55)    | 1.400<br>(35.56)    |
| -121-          | 21          | 2.000<br>(50.80)    | 2.090<br>(53.09)    | 1.500<br>(38.10)    |
| -122-          | 22          | 2.100<br>(53.34)    | 2.190<br>(55.63)    | 1.600<br>(40.64)    |
| -123-          | 23          | 2.200<br>(55.88)    | 2.290<br>(58.17)    | 1.700<br>(43.18)    |
| -124-          | 24          | 2.300<br>(58.42)    | 2.390<br>(60.71)    | 1.800<br>(45.72)    |
| -125-          | 25          | 2.400<br>(60.96)    | 2.490<br>(63.25)    | 1.900<br>(48.26)    |
| -126-          | 26          | 2.500<br>(63.50)    | 2.590<br>(65.79)    | 2.000<br>(50.80)    |
| ↑ -127- ↓      | 27          | 2.600<br>(66.04)    | 2.690<br>(68.33)    | 2.100<br>(53.34)    |
| 11XX-26-128-XX | 28          | 2.700<br>(68.58)    | 2.790<br>(70.87)    | 2.200<br>(55.88)    |



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Far East:

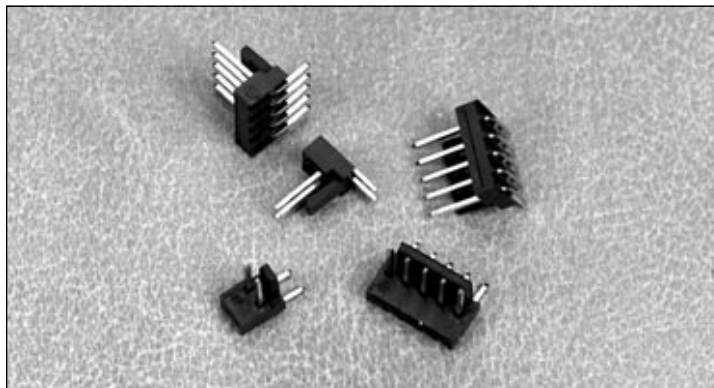
Methode Electronics Far East, Pte. Ltd.

1 Tuas Lane, Jurong Town • Singapore 638610

65-68615444 • Fax: 65-68614777

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# .100" (2.54mm) Single Row, Through Hole, Right Angle, Bottom Polarizing, Locking Headers (Short Back)



## 1100 SERIES "TERMACON"

### PART NUMBER LEGEND

11XX-27-1XX-01

NUMBER OF POSITIONS PER ROW  
(SEE TABLE 1)

PIN PLATING (SEE NOTE 2)

INSULATOR MATERIAL (SEE NOTE 1)

## MATING CONNECTORS: 1300 SERIES CRIMP OR IDC STYLE CONNECTORS

### NOTES :

- MATERIALS: INSULATOR : 110X - NYLON 6/6, UL94V-0, COLOR: NATURAL(RED)  
AVAILABLE ON 2 POS. THRU 8 POS. ONLY.  
111X - POLYESTER (PCT) 30% GLASS-FILLED, UL94V-0, COLOR : NATURAL

PIN : PHOSPHOR BRONZE

### 2. PIN PLATING:

11X0 - TIN/LEAD OVER NICKEL PLATE.

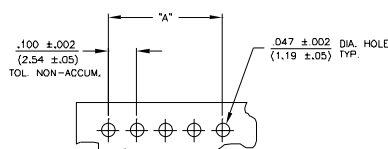
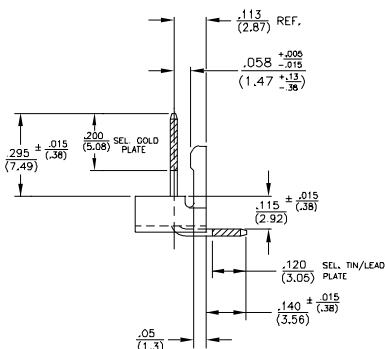
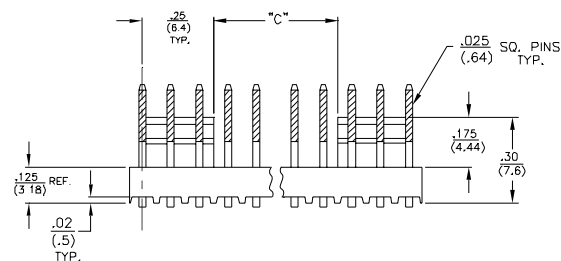
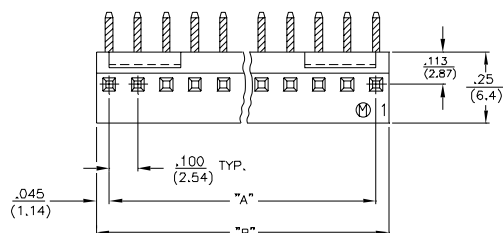
11X2 - .000015 GOLD OVER .000030 NICKEL PLATE.

11XB - .000050 NICKEL PLATE ALL OVER;  
.000015 SEL. GOLD PLATE AS INDICATED;  
.0001-.0002 SEL. TIN/LEAD AS INDICATED.

11XF - .000050 NICKEL PLATE ALL OVER;  
.000030 SEL. GOLD PLATE AS INDICATED;  
.0001-.0002 SEL. TIN/LEAD AS INDICATED.

### 3. ALL DIMENSIONS ARE IN IN./(MM.).

### 4. FOR CIRCUITS 2 THRU 6 LOCKING RAMP WILL BE SOLID.



RECOMMENDED P.C. BOARD LAYOUT

| PART NO.       | No. OF POS. | "A" ±.010 (±.25) | "B" ±.010 (±.25) | "C" ±.010 (±.25) |
|----------------|-------------|------------------|------------------|------------------|
| 11XX-27-102-01 | 2           | .100 (2.54)      | .190 (4.83)      | SEE NOTE 5.      |
| ↑ -103- ↓      | 3           | .200 (5.08)      | .290 (7.37)      | ↑                |
| -104-          | 4           | .300 (7.62)      | .390 (9.91)      |                  |
| -105-          | 5           | .400 (10.16)     | .490 (12.45)     |                  |
| -106-          | 6           | .500 (12.70)     | .590 (14.99)     | SEE NOTE 5.      |
| -107-          | 7           | .600 (15.24)     | .690 (17.53)     |                  |
| -108-          | 8           | .700 (17.78)     | .790 (20.07)     | .100 (2.54)      |
| -109-          | 9           | .800 (20.32)     | .890 (22.61)     | .200 (5.08)      |
| -110-          | 10          | .900 (22.86)     | .990 (25.15)     | .300 (7.62)      |
| -111-          | 11          | 1.000 (25.40)    | 1.090 (27.68)    | .400 (10.16)     |
| -112-          | 12          | 1.100 (27.94)    | 1.190 (30.23)    | .500 (12.70)     |
| -113-          | 13          | 1.200 (30.48)    | 1.290 (32.77)    | .600 (15.24)     |
| -114-          | 14          | 1.300 (33.02)    | 1.390 (35.31)    | .700 (17.78)     |
| -115-          | 15          | 1.400 (35.56)    | 1.490 (37.85)    | .800 (20.32)     |
| -116-          | 16          | 1.500 (38.10)    | 1.590 (40.39)    | .900 (22.86)     |
| -117-          | 17          | 1.600 (40.64)    | 1.690 (42.93)    | 1.000 (25.40)    |
| -118-          | 18          | 1.700 (43.18)    | 1.790 (45.47)    | 1.100 (27.94)    |
| -119-          | 19          | 1.800 (45.72)    | 1.890 (48.01)    | 1.200 (30.48)    |
| -120-          | 20          | 1.900 (48.26)    | 1.990 (50.55)    | 1.300 (33.02)    |
| -121-          | 21          | 2.000 (50.80)    | 2.090 (53.09)    | 1.400 (35.56)    |
| -122-          | 22          | 2.100 (53.34)    | 2.190 (55.63)    | 1.500 (38.10)    |
| -123-          | 23          | 2.200 (55.88)    | 2.290 (58.17)    | 1.600 (40.64)    |
| -124-          | 24          | 2.300 (58.42)    | 2.390 (60.71)    | 1.700 (43.18)    |
| -125-          | 25          | 2.400 (60.96)    | 2.490 (63.26)    | 1.800 (45.72)    |
| -126-          | 26          | 2.500 (63.50)    | 2.590 (65.79)    | 1.900 (48.26)    |
| -127-          | 27          | 2.600 (66.04)    | 2.690 (68.33)    | 2.000 (50.80)    |
| 11XX-27-128-01 | 28          | 2.700 (68.58)    | 2.790 (70.87)    | 2.100 (53.34)    |



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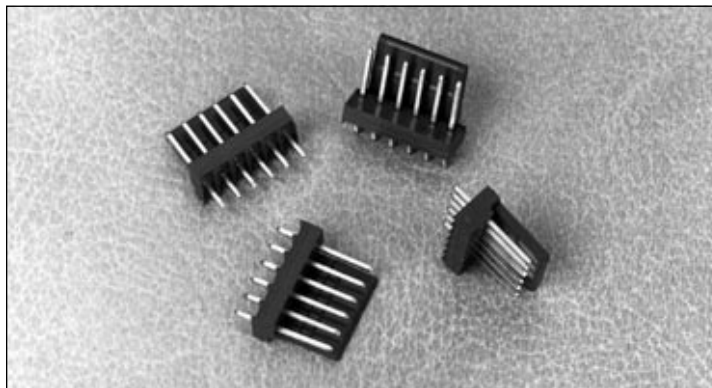
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# .100" (2.54mm) Single Row, Through Hole Vertical, Polarizing, Locking Headers (Tall Back)



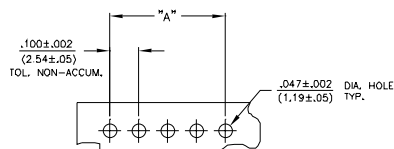
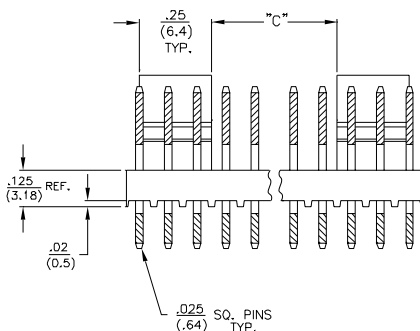
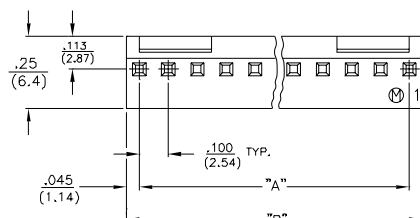
## 1100 SERIES "TERMACON"

PART NUMBER LEGEND

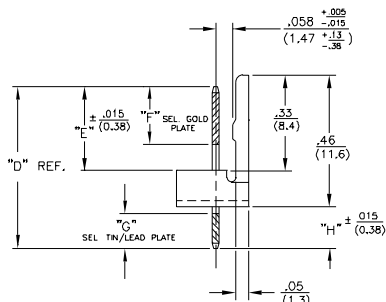
11XX-28-1XX-XX

- PIN LENGTH (SEE TABLE 2)
- NUMBER OF POSITIONS PER ROW (SEE TABLE 1)
- PIN PLATING (SEE NOTE 2)
- INSULATOR MATERIAL (SEE NOTE 1)

**MATING CONNECTORS: 1300 SERIES CRIMP OR IDC STYLE CONNECTORS**



RECOMMENDED P.C. BOARD LAYOUT



### NOTES :

- MATERIALS: INSULATOR : 110X - NYLON 6/6, UL94V-0, (PAM-011) COLOR: NATURAL (RED)  
AVAILABLE ON 2 POS. THRU 8 POS. ONLY.  
111X - POLYESTER (PCT) 30% GLASS-FILLED, UL94V-0, (PAM-003) COLOR : NATURAL  
PIN - PHOSPHOR BRONZE
- PIN PLATING:  
11X0 - BRITE TIN OVER NICKEL PLATE.  
11X2 - .000015 GOLD OVER .000030 NICKEL PLATE.  
11X8 - .000050 NICKEL PLATE ALL OVER;  
.000015 SEL. GOLD PLATE AS INDICATED;  
.0001-.0002 SEL. TIN/LEAD AS INDICATED.  
11XF - .000050 NICKEL PLATE ALL OVER;  
.000030 SEL. GOLD PLATE AS INDICATED;  
.0001-.0002 SEL. TIN/LEAD AS INDICATED.
- ALL DIMENSIONS ARE IN IN./ (MM.).
- FOR CIRCUITS 2 THRU 6 LOCKING RAMP WILL BE SOLID.

TABLE 1

| PART NUMBER    | No. OF POS. | "A" ±.010 (±.25) | "B" ±.010 (±.25) | "C" ±.010 (±.25) |
|----------------|-------------|------------------|------------------|------------------|
| 11XX-28-102-XX | 2           | .100 (2.54)      | .190 (4.83)      | SEE NOTE 5.      |
| ↑↑-103-↑↑      | 3           | .200 (5.08)      | .290 (7.37)      | ↑↑               |
| ↑↑-104-↑↑      | 4           | .300 (7.62)      | .390 (9.91)      | ↑↑               |
| ↑↑-105-↑↑      | 5           | .400 (10.16)     | .490 (12.45)     | ↑↑               |
| ↑↑-106-↑↑      | 6           | .500 (12.70)     | .590 (14.99)     | SEE NOTE 5.      |
| ↑↑-107-↑↑      | 7           | .600 (15.24)     | .690 (17.53)     | .100 (2.54)      |
| ↑↑-108-↑↑      | 8           | .700 (17.78)     | .790 (20.07)     | .200 (5.08)      |
| ↑↑-109-↑↑      | 9           | .800 (20.32)     | .890 (22.61)     | .300 (7.62)      |
| ↑↑-110-↑↑      | 10          | .900 (22.86)     | .990 (25.15)     | .400 (10.16)     |
| ↑↑-111-↑↑      | 11          | 1.000 (25.40)    | 1.090 (27.69)    | .500 (12.70)     |
| ↑↑-112-↑↑      | 12          | 1.100 (27.94)    | 1.190 (30.23)    | .600 (15.24)     |
| ↑↑-113-↑↑      | 13          | 1.200 (30.48)    | 1.290 (32.77)    | .700 (17.78)     |
| ↑↑-114-↑↑      | 14          | 1.300 (33.02)    | 1.390 (35.31)    | .800 (20.32)     |
| ↑↑-115-↑↑      | 15          | 1.400 (35.56)    | 1.490 (37.85)    | .900 (22.86)     |
| ↑↑-116-↑↑      | 16          | 1.500 (38.10)    | 1.590 (40.39)    | 1.000 (25.40)    |
| ↑↑-117-↑↑      | 17          | 1.600 (40.64)    | 1.690 (42.93)    | 1.100 (27.94)    |
| ↑↑-118-↑↑      | 18          | 1.700 (43.18)    | 1.790 (45.47)    | 1.200 (30.48)    |
| ↑↑-119-↑↑      | 19          | 1.800 (45.72)    | 1.890 (48.01)    | 1.300 (33.02)    |
| ↑↑-120-↑↑      | 20          | 1.900 (48.26)    | 1.990 (50.55)    | 1.400 (35.56)    |
| ↑↑-121-↑↑      | 21          | 2.000 (50.80)    | 2.090 (53.34)    | 1.500 (38.10)    |
| ↑↑-122-↑↑      | 22          | 2.100 (53.34)    | 2.190 (55.88)    | 1.600 (40.64)    |
| ↑↑-123-↑↑      | 23          | 2.200 (55.88)    | 2.290 (58.42)    | 1.700 (43.18)    |
| ↑↑-124-↑↑      | 24          | 2.300 (58.42)    | 2.390 (60.96)    | 1.800 (45.72)    |
| ↑↑-125-↑↑      | 25          | 2.400 (60.96)    | 2.490 (63.50)    | 1.900 (48.26)    |
| ↑↑-126-↑↑      | 26          | 2.500 (63.50)    | 2.590 (66.04)    | 2.000 (50.80)    |
| ↑↑-127-↑↑      | 27          | 2.600 (66.04)    | 2.690 (68.58)    | 2.100 (53.34)    |
| ↑↑-128-↑↑      | 28          | 2.700 (68.58)    | 2.790 (71.12)    | 2.200 (55.88)    |

TABLE 2

| PART NUMBER    | DIM. D REF. | DIM. E    | DIM. F    | DIM. G    | DIM. H      |
|----------------|-------------|-----------|-----------|-----------|-------------|
| 11XX-28-1XX-01 | .340 (8.63) | .28 (7.1) | .20 (5.1) | .12 (3.0) | .125 (3.18) |
| 11XX-28-1XX-02 | .340 (8.63) | .28 (7.1) | —         | —         | .125 (3.18) |
| 11XX-28-1XX-03 | .340 (8.63) | .28 (7.1) | —         | —         | .125 (3.18) |
| 11XX-28-1XX-04 | .340 (8.63) | .28 (7.1) | —         | —         | .125 (3.18) |
| 11XX-28-1XX-05 | .340 (8.63) | .28 (7.1) | —         | —         | .125 (3.18) |
| 11XX-28-1XX-06 | .340 (8.63) | .28 (7.1) | —         | —         | .125 (3.18) |
| 11XX-28-1XX-07 | .340 (8.63) | .28 (7.1) | —         | —         | .125 (3.18) |
| 11XX-28-1XX-08 | .340 (8.63) | .28 (7.1) | —         | —         | .125 (3.18) |



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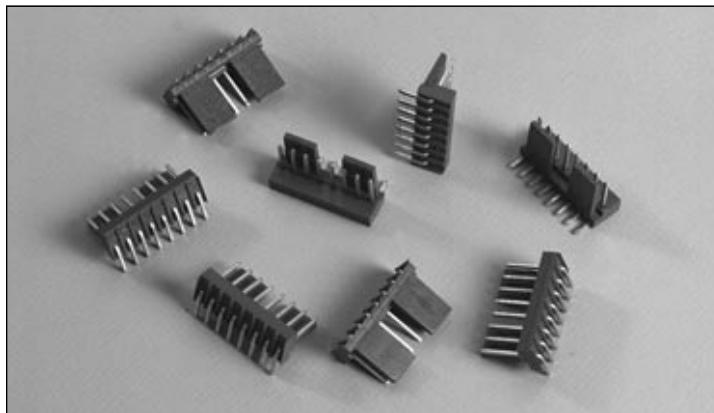
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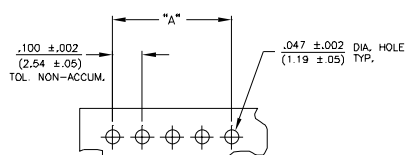
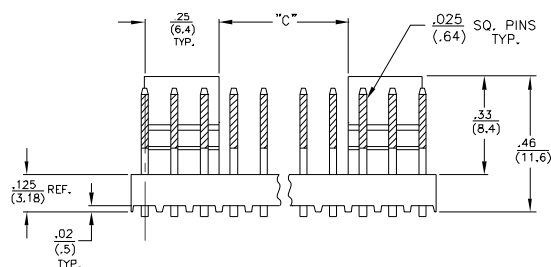
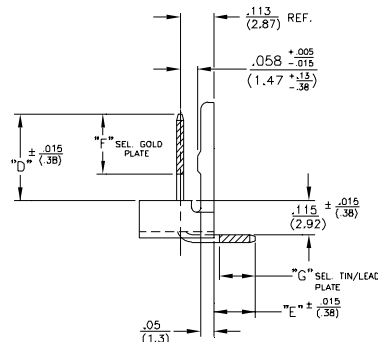
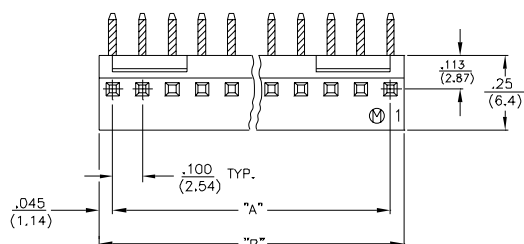


## PART NUMBER LEGEND

**PIN LENGTH** (SEE TABLE 2)  
**NUMBER OF POSITIONS PER ROW**  
 (SEE TABLE 1)  
**PIN PLATING** (SEE NOTE 2)  
**INSULATOR MATERIAL** (SEE NOTE 1)

NOTES :

1. MATERIALS: INSULATOR : 110X - NYLON 6/6, UL94V-0.  
COLOR: NATURAL(RED)  
AVAILABLE ON 2 POS. THRU 8 POS. ONLY  
111X - POLYESTER (PCT) 30% GLASS-FILLED,  
UL94V-0. COLOR : NATURAL  
PIN : PHOSPHOR BRONZE
2. PIN PLATING:  
11X0 - TIN/LEAD OVER NICKEL PLATE.  
11X2 - .000015 GOLD OVER .000030 NICKEL PLATE.  
11X8 - .000050 NICKEL PLATE ALL OVER;  
.000015 SEL. GOLD PLATE AS INDICATED;  
.0001-.0002 SEL. TIN/LEAD AS INDICATED.  
11XF - .000050 NICKEL PLATE ALL OVER;  
.000030 SEL. GOLD PLATE AS INDICATED;  
.0001-.0002 SEL. TIN/LEAD AS INDICATED.
3. ALL DIMENSIONS ARE IN IN./(.MM.).
4. FOR CIRCUITS 2 THRU 6 LOCKING RAMP WILL BE SOLID.



### RECOMMENDED P.C. BOARD LAYOUT

TABLE 1

| PART NO.       | No. OF POS. | "A" $\pm 0.10$<br>( $\pm 2.5$ ) | "B" $\pm 0.10$<br>( $\pm 2.5$ ) | "C" $\pm 0.10$<br>( $\pm 2.5$ ) |
|----------------|-------------|---------------------------------|---------------------------------|---------------------------------|
| 11XX-29-102-XX | 2           | 100<br>(2.5)                    | 100<br>(4.83)                   | SEE NOTE 5.                     |
| ↑ -103- ↑      | 3           | 200<br>(5.08)                   | 290<br>(7.37)                   | ↑                               |
| ↑ -104- ↑      | 4           | 300<br>(7.62)                   | 390<br>(9.31)                   | ↑                               |
| ↑ -105- ↑      | 5           | 400<br>(10.16)                  | 490<br>(12.45)                  | ↑                               |
| ↑ -106- ↑      | 6           | 500<br>(12.70)                  | 590<br>(14.99)                  | SEE NOTE 5.                     |
| ↑ -107- ↑      | 7           | 600<br>(15.24)                  | 690<br>(17.53)                  | 100<br>(2.54)                   |
| ↑ -108- ↑      | 8           | 700<br>(17.78)                  | 790<br>(20.07)                  | 500<br>(3.08)                   |
| ↑ -109- ↑      | 9           | 800<br>(20.32)                  | 890<br>(22.61)                  | 700<br>(7.62)                   |
| ↑ -110- ↑      | 10          | 900<br>(22.86)                  | 990<br>(25.15)                  | 400<br>(10.16)                  |
| ↑ -111- ↑      | 11          | 1,000<br>(25.40)                | 1,090<br>(27.69)                | 500<br>(12.70)                  |
| ↑ -112- ↑      | 12          | 1,100<br>(27.94)                | 1,190<br>(30.23)                | 600<br>(15.24)                  |
| ↑ -113- ↑      | 13          | 1,200<br>(30.48)                | 1,290<br>(32.77)                | 700<br>(17.78)                  |
| ↑ -114- ↑      | 14          | 1,300<br>(33.02)                | 1,390<br>(35.31)                | 800<br>(20.32)                  |
| ↑ -115- ↑      | 15          | 1,400<br>(35.56)                | 1,490<br>(37.85)                | 900<br>(22.86)                  |
| ↑ -116- ↑      | 16          | 1,500<br>(38.10)                | 1,590<br>(40.39)                | 1,000<br>(25.40)                |
| ↑ -117- ↑      | 17          | 1,600<br>(40.64)                | 1,690<br>(42.93)                | 1,100<br>(27.94)                |
| ↑ -118- ↑      | 18          | 1,700<br>(43.18)                | 1,790<br>(45.47)                | 1,200<br>(30.48)                |
| ↑ -119- ↑      | 19          | 1,800<br>(45.72)                | 1,890<br>(48.01)                | 1,300<br>(33.02)                |
| ↑ -120- ↑      | 20          | 1,900<br>(48.26)                | 1,990<br>(50.55)                | 1,400<br>(35.56)                |
| ↑ -121- ↑      | 21          | 2,000<br>(50.80)                | 2,090<br>(53.09)                | 1,500<br>(38.10)                |
| ↑ -122- ↑      | 22          | 2,100<br>(53.34)                | 2,190<br>(55.63)                | 1,600<br>(40.64)                |
| ↑ -123- ↑      | 23          | 2,200<br>(55.88)                | 2,290<br>(58.17)                | 1,700<br>(43.18)                |
| ↑ -124- ↑      | 24          | 2,300<br>(58.42)                | 2,390<br>(60.71)                | 1,800<br>(45.72)                |
| ↑ -125- ↑      | 25          | 2,400<br>(60.96)                | 2,490<br>(63.26)                | 1,900<br>(48.26)                |
| ↑ -126- ↑      | 26          | 2,500<br>(63.50)                | 2,590<br>(65.79)                | 2,000<br>(50.80)                |
| ↑ -127- ↑      | 27          | 2,600<br>(66.04)                | 2,690<br>(68.33)                | 2,100<br>(53.34)                |
| 11XX-29-128-XX | 28          | 2,700<br>(68.58)                | 2,790<br>(70.87)                | 2,200<br>(55.88)                |

TABLE 2

| PART No.       | DIM. D                | DIM. E              | DIM. F              | DIM. G              |
|----------------|-----------------------|---------------------|---------------------|---------------------|
| 11XX-29-1XX-01 | $\frac{.295}{(7.49)}$ | $\frac{.14}{(3.6)}$ | $\frac{.20}{(5.1)}$ | $\frac{.12}{(3.0)}$ |
| 11XX-29-1XX-02 | $\frac{.295}{(7.49)}$ | $\frac{.05}{(1.3)}$ | —                   | —                   |



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