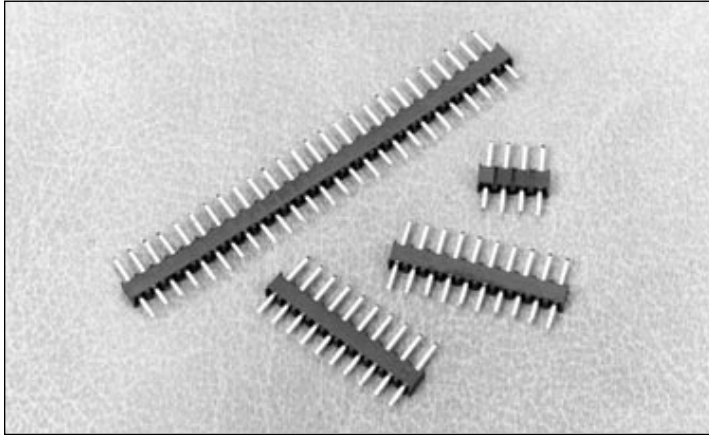


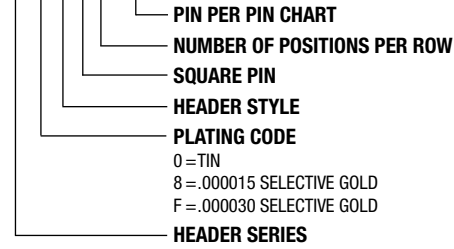
# .100" (2.54mm) Single Row Through Hole, Vertical Headers



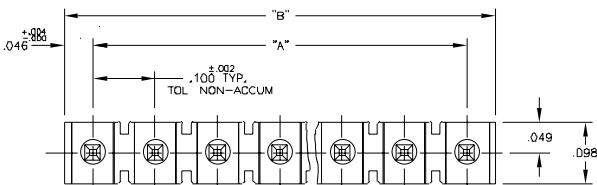
## 1100 SERIES "TERMACON"

PART NUMBER LEGEND

110X-1-1XX-XX

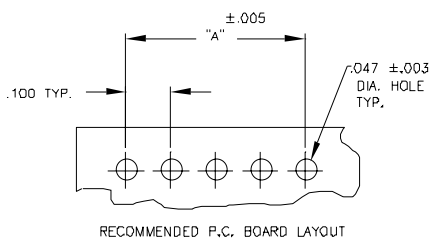
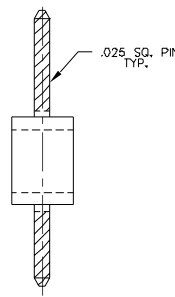
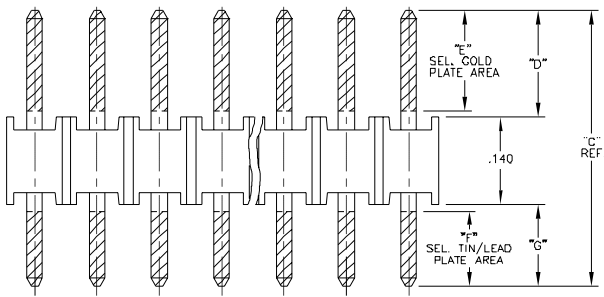


**MATING CONNECTORS: 1000 SERIES & 1300 SERIES CRIMP OR IDC STYLE CONNECTORS**



### NOTES

- MATERIAL:  
INSULATOR: 1100-1-1XX-XX: NYLON 6/6, UL 94V-0  
COLOR: RED  
PINS: PHOSPHOR BRONZE
- 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	.290
-103	3	.200	.290
-104	4	.300	.290
-105	5	.400	.490
-106	6	.500	.590
-107	7	.600	.690
-108	8	.700	.790
-109	9	.800	.890
-110	10	.900	.890
-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	.64 (1.178)	.77 (4.32)	.16 (4.06)	.12 (3.05)	.13 (3.30)
-02	.56 (14.22)	.29 (7.37)	.20 (5.08)	.12 (3.05)	.13 (3.30)
-03	.68 (17.28)	.43 (10.92)	.20 (5.08)	.12 (3.05)	.13 (3.30)
-04	.84 (21.84)	.67 (17.02)	.20 (5.08)	.12 (3.05)	.13/10 (3.30/2.54)
-05	1.00 (25.40)	.71 (18.28)	.20 (5.08)	.12 (3.05)	.13 (3.30)
-06	.825 (20.96)	.58 (14.73)	—	.09 (2.29)	.11 (2.79)
-07	.78 (19.78)	.47 (11.94)	—	.09 (2.29)	.11 (2.79)
-08	.710 (17.94)	.61 (15.49)	.20 (5.08)	.12 (3.05)	.13/10 (3.30/2.54)
-09	.60 (15.24)	.49 (12.45)	—	.09 (2.29)	.11 (2.79)
-10	.60 (15.24)	.49 (12.45)	—	.09 (2.29)	.11 (2.79)
-11	.84 (21.84)	.50 (12.70)	—	.09 (2.29)	.11 (2.79)
-12	.84 (21.84)	.705 (17.92)	.20 (5.08)	.09 (2.29)	.09 (2.29)
-13	1.00 (25.40)	.71 (18.28)	.20 (5.08)	.12 (3.05)	.13 (3.30)
-14	1.00 (25.40)	1.23 (31.25)	—	.13 (3.30)	.13 (3.30)
-15	.860 (21.84)	.82 (20.82)	—	.09 (2.29)	.11 (2.79)
-16	.860 (21.84)	.82 (20.82)	—	.09 (2.29)	.11 (2.79)
-17	.860 (21.84)	.82 (20.82)	—	.09 (2.29)	.11 (2.79)
-18	.940 (23.88)	.80 (20.32)	—	.09 (2.29)	.11 (2.79)
-19	1.182 (30.15)	.824 (20.93)	—	.09 (2.29)	.11 (2.79)
-20	.860 (21.84)	.82 (20.82)	—	.09 (2.29)	.11 (2.79)
-21	.860 (21.84)	.82 (20.82)	—	.09 (2.29)	.11 (2.79)
11XX-1-1XX-22	.81 (20.57)	.433 (11.00)	—	.09 (2.29)	.11 (2.79)

PART NUMBER	DIM "C"	DIM "D"	DIM "E"	DIM "F"	DIM "G"
11XX-1-1XX-23	.700 (17.78)	.45 (11.20)	—	—	.25 (6.40)
-24	.700 (17.78)	.45 (11.20)	—	—	.25 (6.40)
-25	1.00 (25.4)	1.33 (10.92)	—	—	.42 (10.92)
-26	.825 (20.96)	.58 (14.73)	—	—	.12 (3.05)
-27	.825 (20.96)	.58 (14.73)	—	—	.12 (3.05)
-28	.825 (20.96)	.58 (14.73)	—	—	.12 (3.05)
-29	.825 (20.96)	.58 (14.73)	—	—	.12 (3.05)
-30	1.14 (28.96)	.874 (22.21)	—	—	.15 (3.81)
-31	.800 (20.32)	.400 (10.16)	—	—	.40 (10.16)
-32	.800 (20.32)	.400 (10.16)	—	—	.40 (10.16)
-33	.825 (20.96)	.58 (14.73)	.20 (5.08)	.12 (3.05)	.12 (3.05)
-34	.700 (17.78)	.45 (11.20)	—	—	.25 (6.40)
-35	.825 (20.96)	.58 (14.73)	—	—	.12 (3.05)
-36	.825 (20.96)	.58 (14.73)	—	—	.12 (3.05)
-37	.825 (20.96)	.58 (14.73)	—	—	.12 (3.05)
-38	.825 (20.96)	.58 (14.73)	—	—	.12 (3.05)
-39	.825 (20.96)	.58 (14.73)	—	—	.12 (3.05)
-40	.825 (20.96)	.58 (14.73)	—	—	.12 (3.05)
-41	.825 (20.96)	.58 (14.73)	—	—	.12 (3.05)
-42	.825 (20.96)	.58 (14.73)	—	—	.12 (3.05)
-43	.825 (20.96)	.58 (14.73)	—	—	.12 (3.05)
-44	.825 (20.96)	.58 (14.73)	—	—	.12 (3.05)
-45	.825 (20.96)	.58 (14.73)	—	—	.12 (3.05)
-46	.825 (20.96)	.58 (14.73)	—	—	.12 (3.05)
11XX-1-1XX-47	.81 (20.57)	.433 (11.00)	—	—	.25 (6.40)

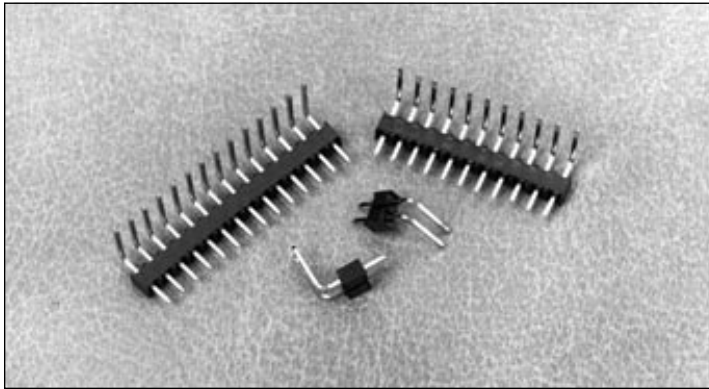


North and South America:  
**Methode Electronics, Inc. Connector Products**  
 1700 Hicks Road • Rolling Meadows, IL 60008 USA  
 847-392-3500 • Toll Free: 800-323-6864 • Fax: 847-392-9404  
 Email: info@methode.com • Web: www.methode.com/connector/index.html

Europe:  
**Methode Electronics Ireland, Ltd.**  
 Unit H, Crossagalla Business Park, Ballysimon Rd. • Limerick, Ireland  
 +353 (0) 61 401222 • Fax: +353 (0) 61 401942  
 Email: info@methode.ie • Web: ireland.methode.com/main.html

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

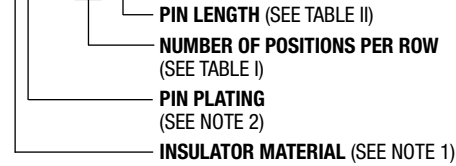
# .100" (2.54mm) Single Row, Through Hole, Right Angle Headers



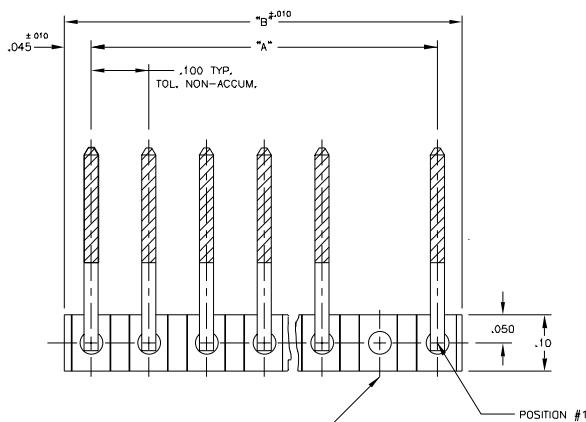
## 1100 SERIES "TERMACON"

PART NUMBER LEGEND

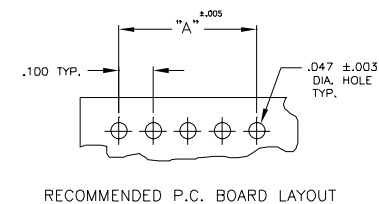
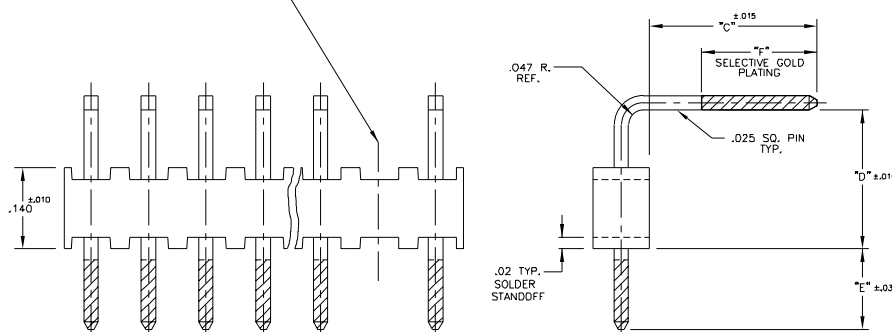
**11XX-3-1XX-XX**



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



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



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

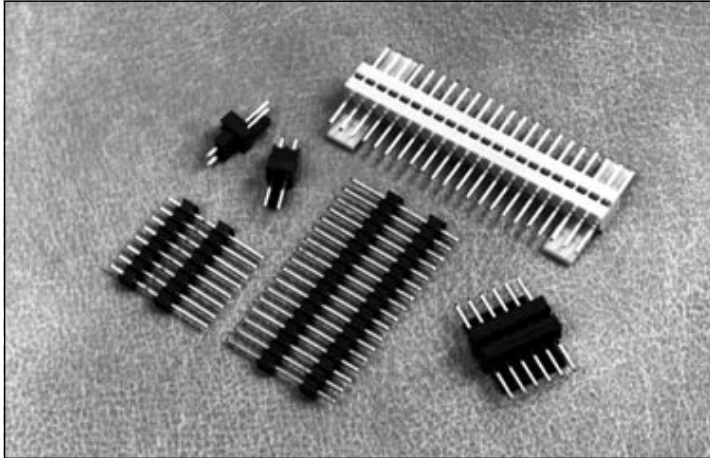
PART NUMBER	NO. OF POS.	DIM "A"	DIM "B"
11XX-3-116-XX	16	1.500 ±.008	1.590
↑ -117 ↓	17	1.600 ±.008	1.690
↑ -118 ↓	18	1.700 ±.008	1.790
↑ -119 ↓	19	1.800 ±.009	1.890
↑ -120 ↓	20	1.900 ±.010	1.990
↑ -121 ↓	21	2.000 ±.010	2.090
↑ -122 ↓	22	2.100 ±.010	2.190
↑ -123 ↓	23	2.200 ±.011	2.290
↑ -124 ↓	24	2.300 ±.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

- MATERIALS:
  - INSULATOR:
    - 11DX-3-1XX-XX: NYLON 6/6, UL 94V-0
    - COLOR: NATURAL (RED)
  - PINS: PHOSPHOR BRONZE
- PIN FINISH:
  - 11XQ-3-1XX-XX: BRITE TIN OVER NICKEL PLATE. (-205)
  - 11X2-3-1XX-XX: .00015 GOLD OVER NICKEL PLATE. (-002)
  - 11XZ-3-1XX-XX: .000030 GOLD OVER NICKEL PLATE. (-007)
  - 11XB-3-1XX-XX: .00015 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 ±.005	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

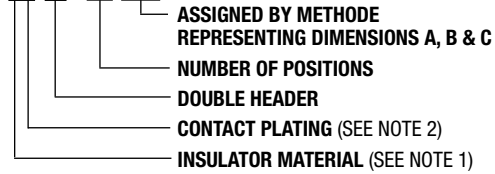
# .100" (2.54mm) Custom Double Headers



## 1100 SERIES "TERMACON"

PART NUMBER LEGEND

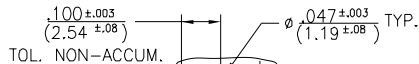
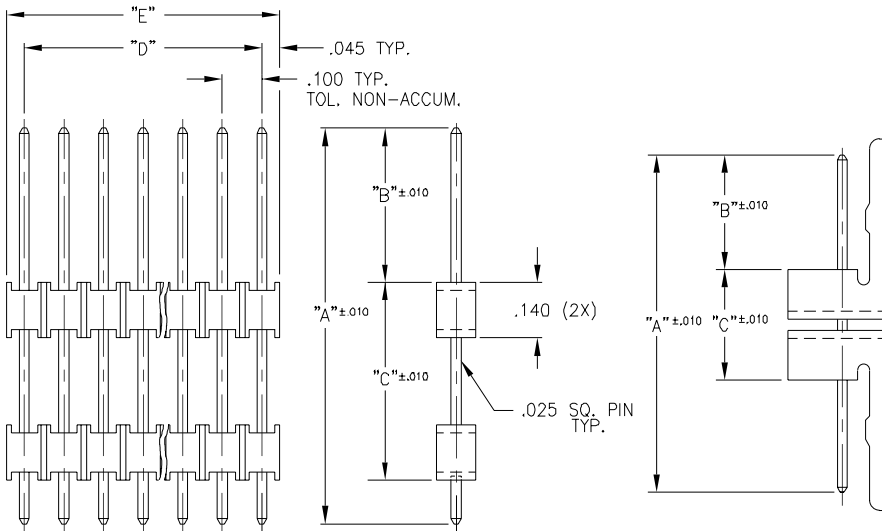
11XX-14-1XX-XXX



MATING CONNECTORS: 1000 SERIES

### NOTES:

- 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
- PIN FINISH:  
 11XQ - BRITE TIN OVER NICKEL PLATE.  
 11XF - .000030 SEL GOLD PLATE AS INDICATED,  
 .0001/.0002 SEL. TIN/LEAD, OVER NICKEL PLATE  
 11Xg - .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
↑ -103- ↑	3	.200	.29
↑ -104- ↑	4	.300	.39
↑ -105- ↑	5	.400	.49
↑ -106- ↑	6	.500	.59
↑ -107- ↑	7	.600	.69
↑ -108- ↑	8	.700	.79
↑ -109- ↑	9	.800	.89
↑ -110- ↑	10	.900	.99
↑ -111- ↑	11	1.000	1.09
↑ -112- ↑	12	1.100	1.19
↑ -113- ↑	13	1.200	1.29
↑ -114- ↑	14	1.300	1.39
↑ -115- ↑	15	1.400	1.49
↑ -116- ↑	16	1.500	1.59
↑ -117- ↑	17	1.600	1.69
↑ -118- ↑	18	1.700	1.79
↑ -119- ↑	19	1.800	1.89
↑ -120- ↑	20	1.900	1.99
↑ -121- ↑	21	2.000	2.09
↑ -122- ↑	22	2.100	2.19
↑ -123- ↑	23	2.200	2.29
↑ -124- ↑	24	2.300	2.39
↑ -125- ↑	25	2.400	2.49
↑ -126- ↑	26	2.500	2.59
↑ -127- ↑	27	2.600	2.69
↓ 11XX-14-128-XXX ↓	28	2.700	2.79

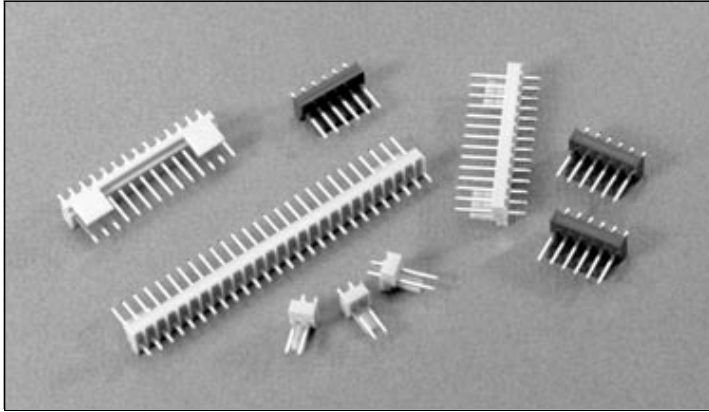


North and South America:  
**Methode Electronics, Inc. Connector Products**  
 1700 Hicks Road • Rolling Meadows, IL 60008 USA  
 847-392-3500 • Toll Free: 800-323-6864 • Fax: 847-392-9404  
 Email: info@methode.com • Web: www.methode.com/connector/index.html

Europe:  
**Methode Electronics Ireland, Ltd.**  
 Unit H, Crossagalla Business Park, Ballysimon Rd. • Limerick, Ireland  
 +353 (0) 61 401222 • Fax: +353 (0) 61 401942  
 Email: info@methode.ie • Web: ireland.methode.com/main.html

Far East:  
**Methode Electronics Far East, Pte. Ltd.**  
 1 Tuas Lane, Jurong Town • Singapore 638610  
 65-68615444 • Fax: 65-68614777  
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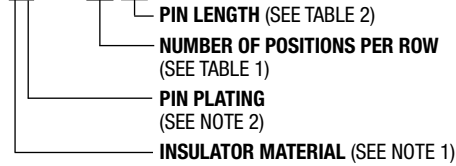
# .100" (2.54mm) Single Row Through Hole, Vertical, Polarizing Headers



## 1100 SERIES "TERMACON"

### PART NUMBER LEGEND

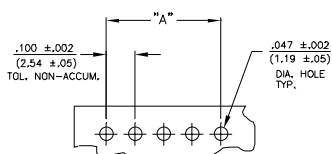
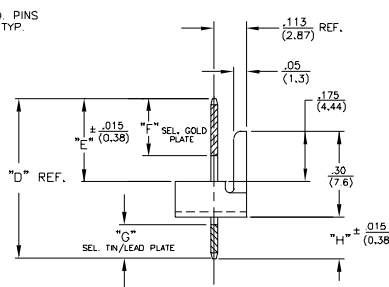
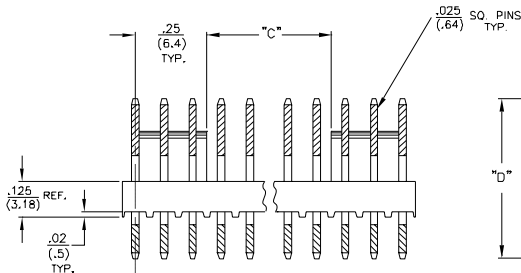
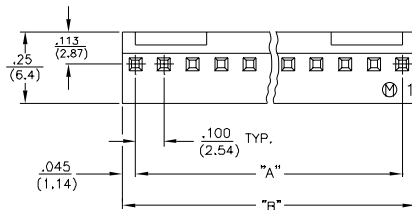
#### 11XX-20-1XX-XX



**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

TABLE 2

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

TABLE 1

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

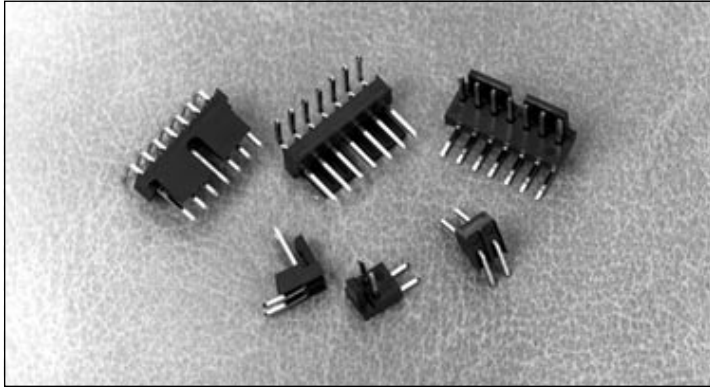


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 Email: info@methode.com • Web: www.methode.com/connector/index.html

Europe:  
**Methode Electronics Ireland, Ltd.**  
 Unit H, Crossagalla Business Park, Ballysimon Rd. • Limerick, Ireland  
 +353 (0) 61 401222 • Fax: +353 (0) 61 401942  
 Email: info@methode.ie • Web: ireland.methode.com/main.html

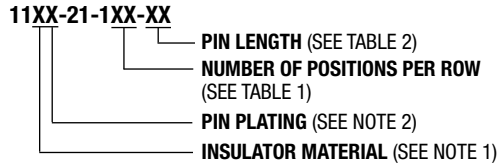
Far East:  
**Methode Electronics Far East, Pte. Ltd.**  
 1 Tuas Lane, Jurong Town • Singapore 638610  
 65-68615444 • Fax: 65-68614777  
 Email: sales@methode.com.sg • Web: www.methode.com/mefe/index.html

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



## 1100 SERIES "TERMACON"

### PART NUMBER LEGEND



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

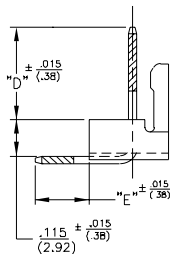
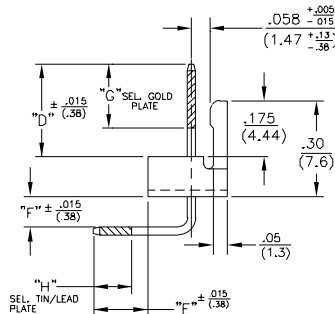
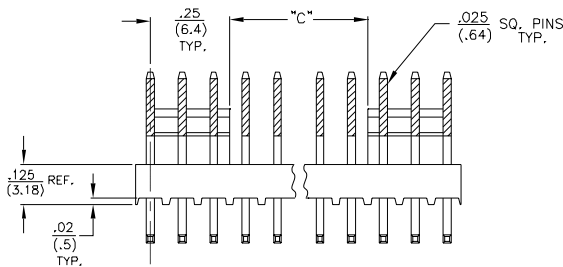
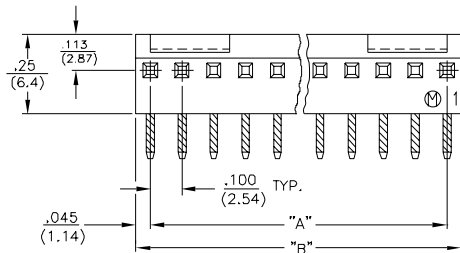
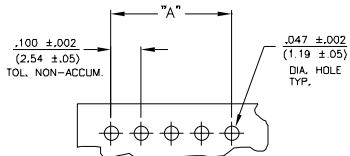


FIGURE 1

FIGURE 2 OTHERWISE SAME AS FIGURE 1



RECOMMENDED P.C. BOARD LAYOUT

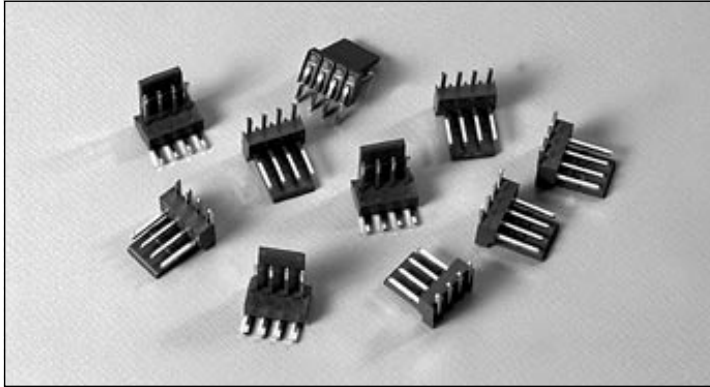
PART NUMBER	DIM.D	DIM.E	DIM.F	DIM.G	DIM.H	SEE FIGURE #
11XX-21-1XX-01	.29 (7.4)	.14 (3.6)	—	.20 (5.1)	.12 (3.0)	FIGURE 2
11XX-21-1XX-02	.26 (6.6)	.14 (3.6)	.08 (2.0)	.20 (5.1)	.12 (3.0)	FIGURE 1
11XX-21-1XX-03	.29 (7.4)	.105 (2.67)	—	.20 (5.1)	.12 (3.0)	FIGURE 2
11XX-21-1XX-04	.30 (7.6)	.142 (3.61)	.095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

### 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.

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)

# .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 :

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.

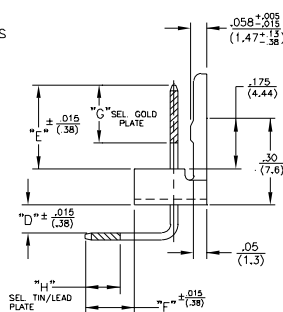
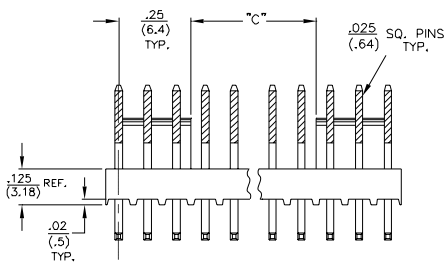
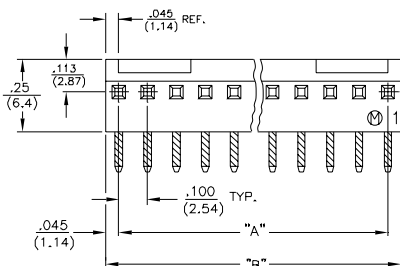
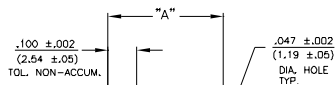


FIGURE 2  
OTHERWISE SAME AS FIGURE 1



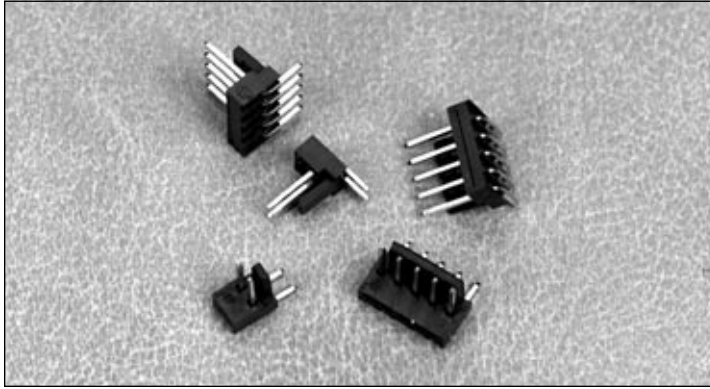
RECOMMENDED P.C. BOARD LAYOUT

TABLE 1				
PART NUMBER	No. OF POS.	"A" ±.010 (±.25)	"B" ±.010 (±.25)	"C" ±.010 (±.25)
11XX-22-102-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-22-128-XX	28	2.700 (68.58)	2.790 (70.87)	2.200 (55.88)

TABLE 2						
PART NUMBER	DIM. D	DIM. E	DIM. F	DIM. G	DIM. H	SEE FIGURE #
11XX-22-1XX-01	—	.29 (7.4)	.140 (3.56)	.20 (5.1)	.12 (3.0)	FIGURE 2
11XX-22-1XX-02	—	.260 (6.60)	.143 (3.63)	.20 (5.1)	.12 (3.0)	FIGURE 2
11XX-22-1XX-03	—	.08 (2.0)	.140 (3.56)	—	—	FIGURE 1
11XX-22-1XX-04	—	.179 (4.55)	.126 (3.20)	—	—	FIGURE 1
11XX-22-1XX-05	—	.040 (1.01)	.143 (3.63)	—	—	FIGURE 1



# .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 I)

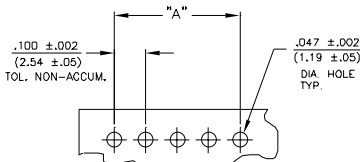
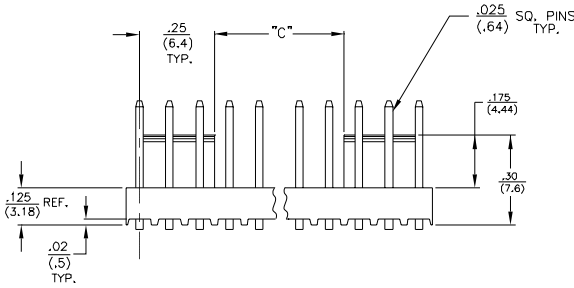
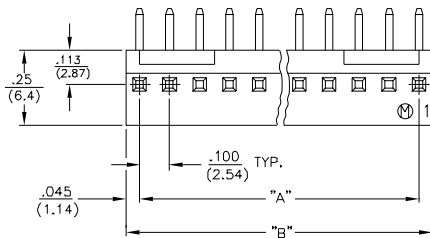
PIN PLATING  
(SEE NOTE 2)

INSULATOR MATERIAL (SEE NOTE 1)

**MATING CONNECTORS: 1000 SERIES & 1300 SEREIS 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.
- ALL DIMENSIONS ARE IN IN./ (MM).
- 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.
↑	3	.200 (5.08)	.290 (7.37)	↑
↑	4	.300 (7.62)	.390 (9.91)	↑
↑	5	.400 (10.16)	.490 (12.45)	↑
↑	6	.500 (12.70)	.590 (14.99)	SEE NOTE 5.
↑	7	.600 (15.24)	.690 (17.53)	.100 (2.54)
↑	8	.700 (17.78)	.790 (20.07)	.200 (5.08)
↑	9	.800 (20.32)	.890 (22.61)	.300 (7.62)
↑	10	.900 (22.86)	.990 (25.15)	.400 (10.16)
↑	11	1.000 (25.40)	1.090 (27.69)	.500 (12.70)
↑	12	1.100 (27.94)	1.190 (30.23)	.600 (15.24)
↑	13	1.200 (30.48)	1.290 (32.77)	.700 (17.78)
↑	14	1.300 (33.02)	1.390 (35.31)	.800 (20.32)
↑	15	1.400 (35.56)	1.490 (37.85)	.900 (22.86)
↑	16	1.500 (38.10)	1.590 (40.39)	1.000 (25.40)
↑	17	1.600 (40.64)	1.690 (42.93)	1.100 (27.94)
↑	18	1.700 (43.18)	1.790 (45.47)	1.200 (30.48)
↑	19	1.800 (45.72)	1.890 (48.01)	1.300 (33.02)
↑	20	1.900 (48.26)	1.990 (50.55)	1.400 (35.56)
↑	21	2.000 (50.80)	2.090 (53.09)	1.500 (38.10)
↑	22	2.100 (53.34)	2.190 (55.63)	1.600 (40.64)
↑	23	2.200 (55.88)	2.290 (58.17)	1.700 (43.18)
↑	24	2.300 (58.42)	2.390 (60.71)	1.800 (45.72)
↑	25	2.400 (60.96)	2.490 (63.26)	1.900 (48.26)
↑	26	2.500 (63.50)	2.590 (65.79)	2.000 (50.80)
↑	27	2.600 (66.04)	2.690 (68.33)	2.100 (53.34)
↑	28	2.700 (68.58)	2.790 (70.87)	2.200 (55.88)



North and South America:

Methode Electronics, Inc. Connector Products

1700 Hicks Road • Rolling Meadows, IL 60008 USA

847-392-3500 • Toll Free: 800-323-6864 • Fax: 847-392-9404

Email: info@methode.com • Web: www.methode.com/connector/index.html

Europe:

Methode Electronics Ireland, Ltd.

Unit H, Crossagalla Business Park, Ballysimon Rd. • Limerick, Ireland

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

Email: info@methode.ie • Web: ireland.methode.com/main.html

Far East:

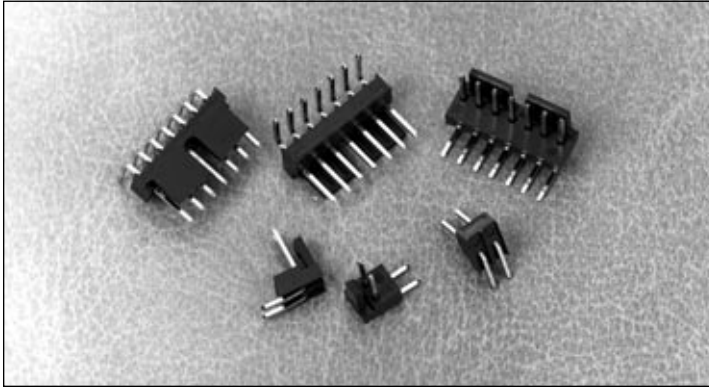
Methode Electronics Far East, Pte. Ltd.

1 Tuas Lane, Jurong Town • Singapore 638610

65-68615444 • Fax: 65-68614777

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

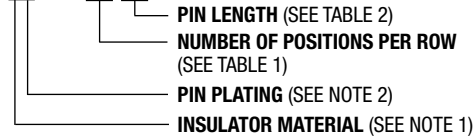
# .100" (2.54mm) Single Row, Through Hole Right Angle, Top Polarizing Headers



## 1100 SERIES "TERMACON"

PART NUMBER LEGEND

**11XX-25-1XX-XX**



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

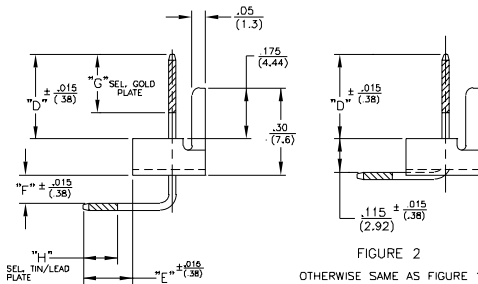
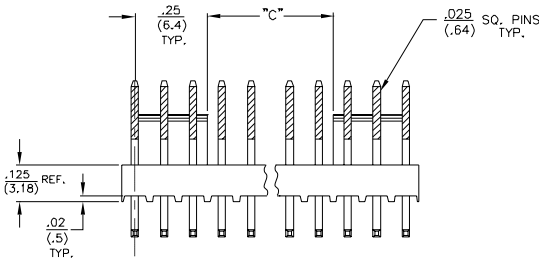
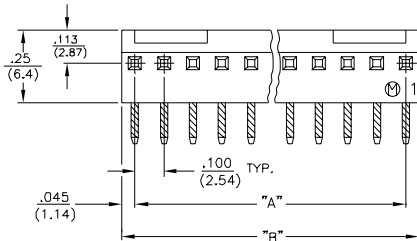
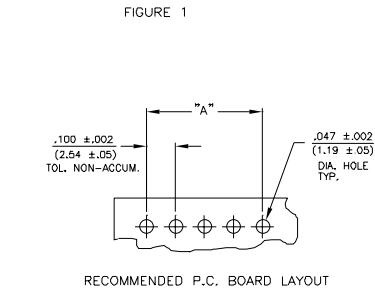


FIGURE 2  
OTHERWISE SAME AS FIGURE 1



RECOMMENDED P.C. BOARD LAYOUT

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

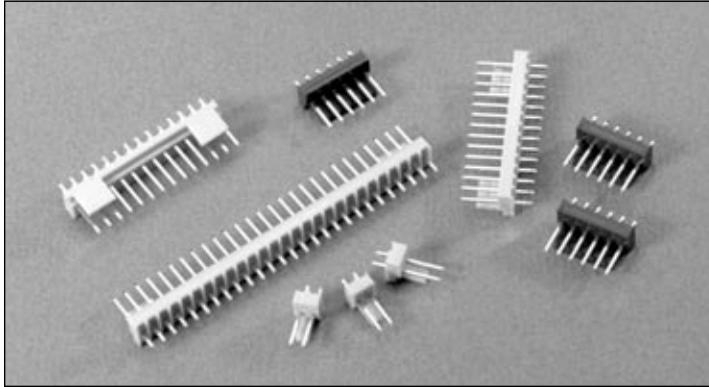
**NOTES :**

- 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.

PART NUMBER	No. OF POS.	"A" ±.010 (±.25)	"B" ±.010 (±.25)	"C" ±.010 (±.25)
11XX-25-102-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-25-128-XX	28	2.700 (68.58)	2.790 (70.87)	2.200 (55.88)

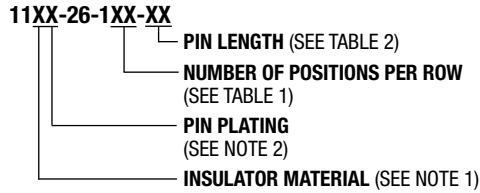


# .100" (2.54mm) Single Row, Through Hole Vertical, Polarizing, Locking Headers (Short Back)

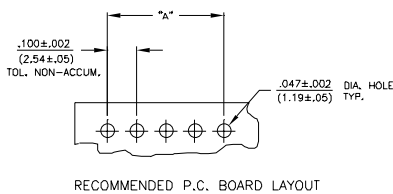
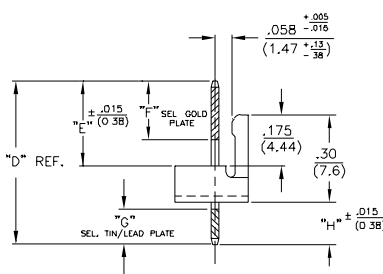
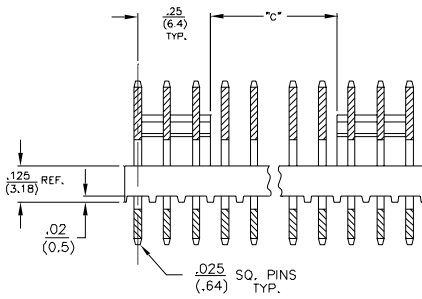
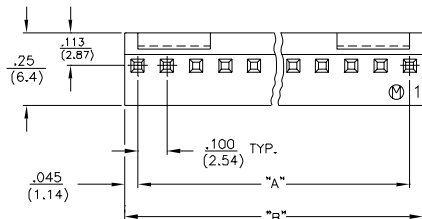


## 1100 SERIES "TERMACON"

### PART NUMBER LEGEND



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



### 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,  
UL 94V-0, (PCT-003) COLOR : NATURAL  
PIN : PHOSPHOR BRONZE
- PIN PLATING:  
11X0 - BRITE TIN 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 ./(MM).
- FOR CIRCUITS 2 THRU 6 LOCKING RAMP WILL BE SOLID.

PART NO.	No. OF POS.	"A" ±.010 (±.25)	"B" ±.010 (±.25)	"C" ±.010 (±.25)
11XX-26-102-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 (63.25)	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-26-128-XX	28	2.700 (68.58)	2.790 (70.87)	2.200 (55.88)

PART NUMBER	DIM. D REF.	DIM. E	DIM. F	DIM. G	DIM. H
11XX-26-1XX-01	.540 (13.72)	.29 (7.4)	.20 (5.1)	.12 (3.0)	.125 (3.18)
11XX-26-1XX-02	.940 (23.88)	.29 (7.4)	—	—	.525 (13.34)
11XX-26-1XX-03	.685 (17.40)	.23 (5.8)	—	—	.330 (8.38)
11XX-26-1XX-04	.685 (17.40)	.29 (7.4)	—	—	.270 (6.86)
11XX-26-1XX-05	.640 (16.26)	.30 (7.6)	—	—	.215 (5.46)
11XX-26-1XX-06	1.100 (27.94)	.29 (7.4)	—	—	.685 (17.40)
11XX-26-1XX-07	.515 (13.08)	.295 (7.49)	.20 (5.1)	.12 (3.0)	.095 (2.41)
11XX-26-1XX-08	.470 (11.94)	.266±.010 (6.78±.26)	—	—	.079 (2.01)
11XX-26-1XX-09	.875 (22.47)	.25 (6.4)	—	—	.100 (2.54)
11XX-26-1XX-10	.360 (9.14)	.16 (4.1)	—	—	.075 (1.90)
11XX-26-1XX-11	.560 (14.22)	.295 (7.49)	—	—	.140 (3.56)
11XX-26-1XX-12	.530 (13.49)	.290 (7.4)	.20 (5.1)	.12 (3.0)	.175 (4.45)

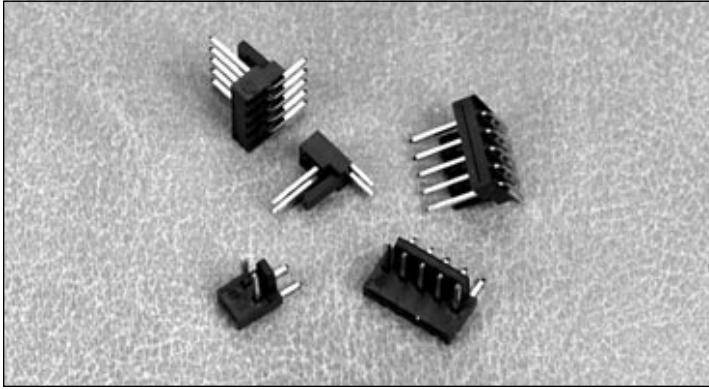


North and South America:  
**Methode Electronics, Inc. Connector Products**  
 1700 Hicks Road • Rolling Meadows, IL 60008 USA  
 847-392-3500 • Toll Free: 800-323-6864 • Fax: 847-392-9404  
 Email: info@methode.com • Web: www.methode.com/connector/index.html

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 +353 (0) 61 401222 • Fax: +353 (0) 61 401942  
 Email: info@methode.ie • Web: ireland.methode.com/main.html

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**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

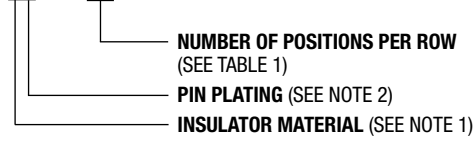
# .100" (2.54mm) Single Row, Through Hole, Right Angle, Bottom Polarizing, Locking Headers (Short Back)



## 1100 SERIES "TERMACON"

PART NUMBER LEGEND

11XX-27-1XX-01



**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.  
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.

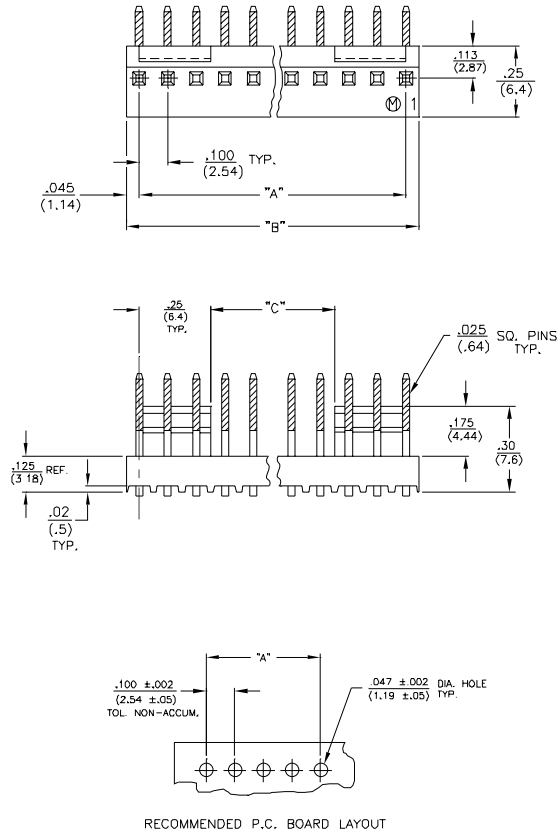
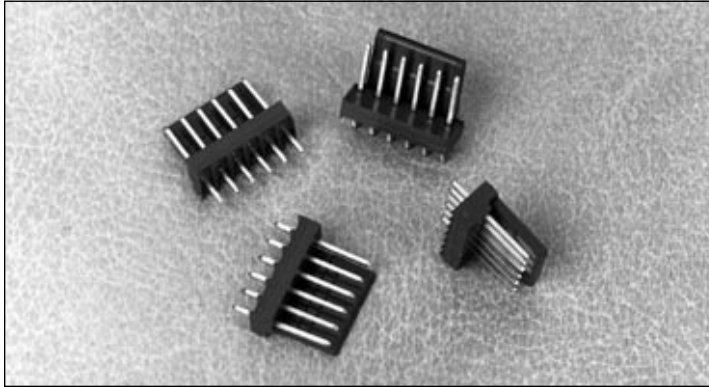


TABLE 1				
PART NO.	No. OF POS.	"A" ± .010 (± .25)	"B" ± .010 (± .25)	"C" ± .010 (± .25)
11XX-27-102-01	2	.100 (2.54)	.190 (4.83)	SEE NOTE 5.
	3	.200 (5.08)	.290 (7.37)	
-103-	3	.200 (5.08)	.290 (7.37)	
-104-	4	.300 (7.62)	.390 (9.91)	
-105-	5	.400 (10.16)	.490 (12.45)	
-106-	6	.500 (12.70)	.590 (14.99)	SEE NOTE 5.
-107-	7	.600 (15.24)	.690 (17.53)	
-108-	8	.700 (17.78)	.790 (20.07)	.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 (27.68)	.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-27-128-01	28	2.700 (68.58)	2.790 (70.87)	2.200 (55.88)



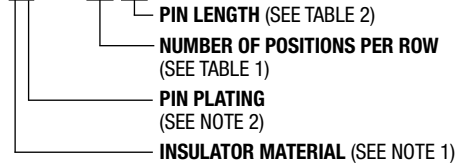
# .100" (2.54mm) Single Row, Through Hole Vertical, Polarizing, Locking Headers (Tall Back)



## 1100 SERIES "TERMACON"

PART NUMBER LEGEND

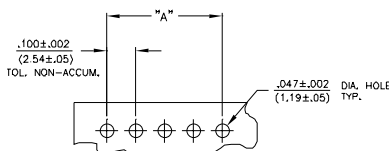
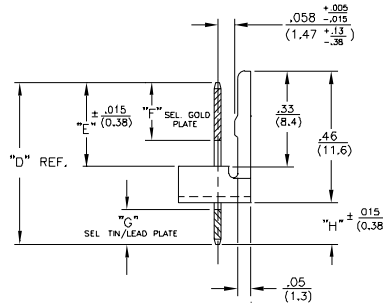
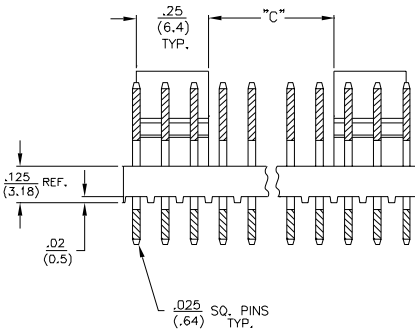
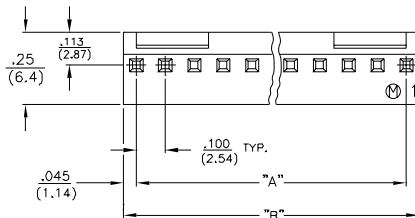
**11XX-28-1XX-XX**



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

**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% CLASS-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.



RECOMMENDED P.C. BOARD LAYOUT

TABLE 1

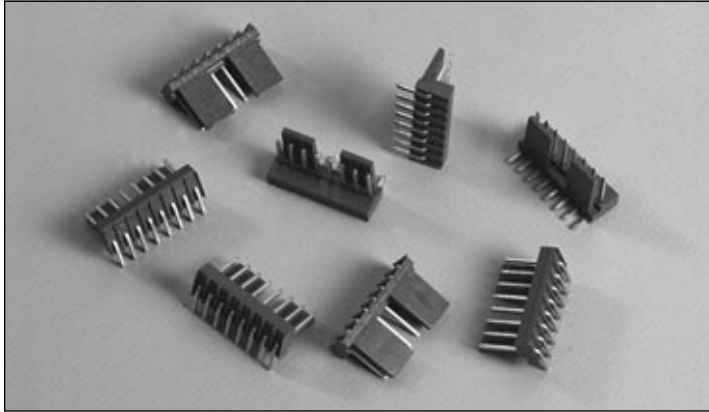
PART NUMBER	No. OF POS.	"A" ±.010 (±.25)	"B" ±.010 (±.25)	"C" ±.010 (±.25)
11XX-28-102-XX	2	.190 (4.83)	.190 (4.83)	SEE NOTE 5.
↑ -103- ↑	3	.290 (7.37)	.290 (7.37)	↑
↑ -104- ↑	4	.390 (9.91)	.390 (9.91)	↑
↑ -105- ↑	5	.490 (12.45)	.490 (12.45)	↑
↑ -106- ↑	6	.590 (14.99)	.590 (14.99)	SEE NOTE 5.
↑ -107- ↑	7	.690 (17.53)	.690 (17.53)	.100 (2.54)
↑ -108- ↑	8	.790 (20.07)	.790 (20.07)	.200 (5.08)
↑ -109- ↑	9	.890 (22.61)	.890 (22.61)	.300 (7.62)
↑ -110- ↑	10	.990 (25.15)	.990 (25.15)	.400 (10.16)
↑ -111- ↑	11	1.090 (27.69)	1.090 (27.69)	.500 (12.70)
↑ -112- ↑	12	1.190 (30.23)	1.190 (30.23)	.600 (15.24)
↑ -113- ↑	13	1.290 (32.77)	1.290 (32.77)	.700 (17.78)
↑ -114- ↑	14	1.390 (35.31)	1.390 (35.31)	.800 (20.32)
↑ -115- ↑	15	1.490 (37.85)	1.490 (37.85)	.900 (22.86)
↑ -116- ↑	16	1.590 (40.39)	1.590 (40.39)	1.000 (25.40)
↑ -117- ↑	17	1.690 (42.93)	1.690 (42.93)	1.100 (27.94)
↑ -118- ↑	18	1.790 (45.47)	1.790 (45.47)	1.200 (30.48)
↑ -119- ↑	19	1.890 (48.01)	1.890 (48.01)	1.300 (33.02)
↑ -120- ↑	20	1.990 (50.55)	1.990 (50.55)	1.400 (35.56)
↑ -121- ↑	21	2.090 (53.09)	2.090 (53.09)	1.500 (38.10)
↑ -122- ↑	22	2.190 (55.63)	2.190 (55.63)	1.600 (40.64)
↑ -123- ↑	23	2.290 (58.17)	2.290 (58.17)	1.700 (43.18)
↑ -124- ↑	24	2.390 (60.71)	2.390 (60.71)	1.800 (45.72)
↑ -125- ↑	25	2.490 (63.25)	2.490 (63.25)	1.900 (48.26)
↑ -126- ↑	26	2.590 (65.79)	2.590 (65.79)	2.000 (50.80)
↑ -127- ↑	27	2.690 (68.33)	2.690 (68.33)	2.100 (53.34)
↑ -128- ↑	28	2.790 (70.87)	2.790 (70.87)	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)	.29 (7.4)	—	—	.625 (15.88)
11XX-28-1XX-03	.340 (8.63)	.23 (5.8)	—	—	.330 (8.38)
11XX-28-1XX-04	.340 (8.63)	.29 (7.4)	—	—	.270 (6.86)
11XX-28-1XX-05	.340 (8.63)	.30 (7.6)	—	—	.215 (5.46)
11XX-28-1XX-06	.340 (8.63)	.29 (7.4)	—	—	.175 (4.44)
11XX-28-1XX-07	1.100 (27.94)	.28 (7.1)	—	—	.685 (17.40)
11XX-28-1XX-08	.825 (20.95)	.29 (7.4)	.20 (5.1)	.12 (3.0)	.410 (10.41)

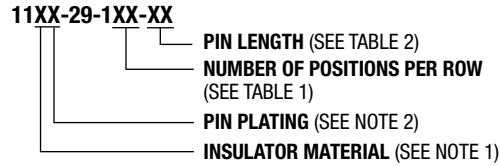


# .100" (2.54mm) Single Row, Through Hole, Right Angle, Bottom Polarizing, Locking Headers (Tall Back)

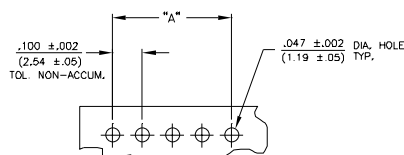
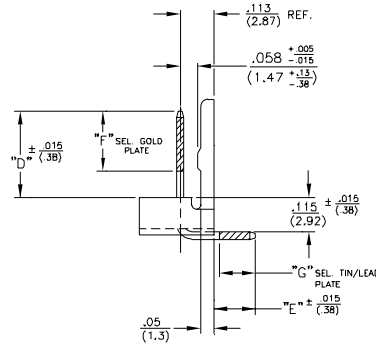
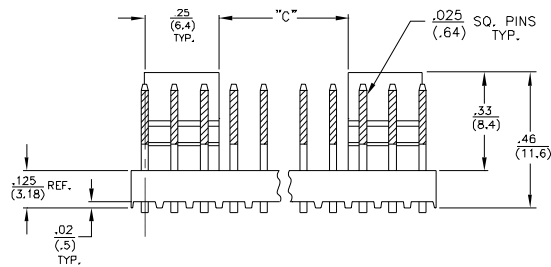
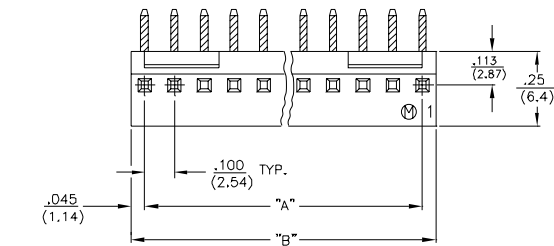


## 1100 SERIES "TERMACON"

PART NUMBER LEGEND



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



RECOMMENDED P.C. BOARD LAYOUT

**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:  
111X0 - TIN/LEAD OVER NICKEL PLATE.  
111X2 - .000015 GOLD OVER .000030 NICKEL PLATE.  
111X8 - .000050 NICKEL PLATE ALL OVER;  
.000015 SEL. GOLD PLATE AS INDICATED;  
.0001-.0002 SEL. TIN/LEAD AS INDICATED.  
111XF - .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 NO.	No. OF POS.	"A" ±.010 (±.25)	"B" ±.010 (±.25)	"C" ±.010 (±.25)
11XX-29-102-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 (63.25)	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 (52.84)
11XX-29-128-XX	28	2.700 (68.58)	2.790 (70.87)	2.200 (55.88)

TABLE 2

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



North and South America:  
**Methode Electronics, Inc. Connector Products**  
 1700 Hicks Road • Rolling Meadows, IL 60008 USA  
 847-392-3500 • Toll Free: 800-323-6864 • Fax: 847-392-9404  
 Email: info@methode.com • Web: www.methode.com/connector/index.html

Europe:  
**Methode Electronics Ireland, Ltd.**  
 Unit H, Crossagalla Business Park, Ballysimon Rd. • Limerick, Ireland  
 +353 (0) 61 401222 • Fax: +353 (0) 61 401942  
 Email: info@methode.ie • Web: ireland.methode.com/main.html

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