

1 2 3 4 5 6 7 8

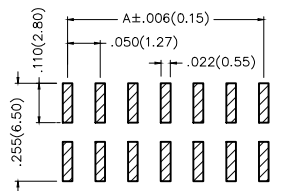
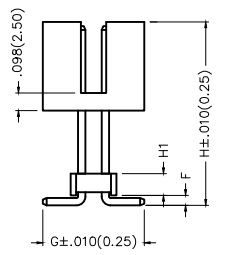
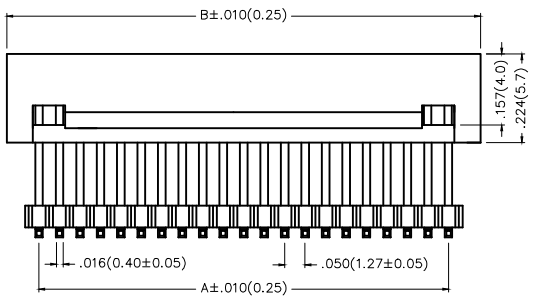
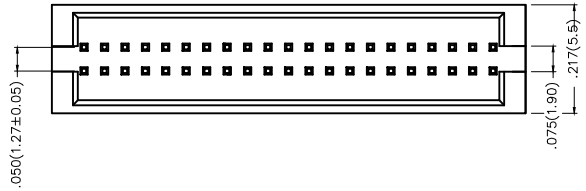
| REV | LOCATIONS | DESCRIPTION | DATE | REVISER | APPD |
|-----|-----------|----------------|-----------|---------|--------|
| 1 | | Update version | 11/AUG/20 | KATE | CHERRY |

Electrical

Current Rating: 1.0A AC(rms)/DC
 Voltage Rating: 250V AC(rms)/DC
 Contact Resistance: 20 mΩ Max
 Insulation Resistance: 1000 MΩ MIN
 Withstanding Voltage: 500V AC r.m.s
 Temperature Range—Operating: -40°C~+85°C

Material and Plating

Housing: Polyester (UL94V-0)
 Contact Pin: Brass
 Plating: Gold Plated



Recommended P.C.Board Layout

Ordering Information

FBH 127 08 — D XX S 1 XX X K6 X XX
 1 2 3 4 5 6 7 8 9 10 11 12

| | | | | | | | | | | | | | |
|---|---|---|-----------------------------------|----|-------------------------|----|---|----|--|---|--------------------------------|---|--------------------------|
| 1 | Category FBH—Box Header | 2 | Series Number 127—Pitch 1.27mm | 3 | Distinction No. 08 | 4 | Row Option D—Double Row | 5 | Circuits XX | 6 | Entry Angle S—180° Vertical | 7 | Plating 1—Gold Plated |
| 8 | Thickness of Plating 00—Gold Flash 05—5μ" Custom plate available | 9 | Material—Resin 3—LCP 4—PA9T | 10 | Color—Resin K6—Black | 11 | Packaging K—Tray L—Tube M—Reel | 12 | Size 01,02... —Series number (See Table1) Custom length available | | | | |

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|-------------------------------|---------------------------------------|------------------|----------------------|-------------------|--|----------------------|---------------------------|
| <p>THIRD ANGLE PROJECTION</p> | GENERAL TOLERANCES (UNLESS SPECIFIED) | | APPROVE BY FRANK | DATE 19/JUL/13 | PART NO. FBH12708—DXXS1XXXK6XXX | ITEM NO. FBH12708 | <p>Leader Of Industry</p> |
| | X.±.012(0.30) | X.±5' | CHECKED BY CHERRY | DATE 19/JUL/13 | TITLE Wire to Board(Box Header) Pitch 1.27mm 180° Vertical(SMT) | | |
| DESIGN UNITS Inch (metric) | X.X±.008(0.20) | .X'±2' | DRAWN BY JACOB | DATE 19/JUL/13 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | |
| SCALE 5:1 | SIZE A4 | X.XX±.006(0.15) | .XX'±1' | | | | |
| | | X.XXX±.004(0.10) | .XXX'±0.5' | | | | |

1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8

| REV | LOCATIONS | DESCRIPTION | DATE | REVISER | APPD |
|-----|-----------|-------------|------|---------|------|
| | | | | | |

A

A

B

B

C

C

D

D



E

E

F

F

| Circuits (n) | Part No. | Dimensions(in/mm) | | Circuits (n) | Part No. | Dimensions(in/mm) | |
|-----------------|------------------------|-------------------|--------------|-----------------|-------------------------|-------------------|--------------|
| | | A | B | | | A | B |
| 10 | FBH12708-D10S1XXXK6XXX | .200(5.08) | .368(9.35) | 56 | FBH12708-D56S1XXXK6XXX | 1.350(34.29) | 1.518(38.56) |
| 12 | FBH12708-D12S1XXXK6XXX | .250(6.35) | .418(10.62) | 58 | FBH12708-D58S1XXXK6XXX | 1.400(35.56) | 1.568(39.83) |
| 14 | FBH12708-D14S1XXXK6XXX | .300(7.62) | .468(11.89) | 60 | FBH12708-D60S1XXXK6XXX | 1.450(36.83) | 1.618(41.10) |
| 16 | FBH12708-D16S1XXXK6XXX | .350(8.89) | .518(13.16) | 62 | FBH12708-D62S1XXXK6XXX | 1.500(38.10) | 1.668(42.37) |
| 18 | FBH12708-D18S1XXXK6XXX | .400(10.16) | .568(14.43) | 64 | FBH12708-D64S1XXXK6XXX | 1.550(39.37) | 1.719(43.66) |
| 20 | FBH12708-D20S1XXXK6XXX | .450(11.43) | .618(15.70) | 66 | FBH12708-D66S1XXXK6XXX | 1.600(40.66) | 1.768(44.91) |
| 22 | FBH12708-D22S1XXXK6XXX | .500(12.70) | .668(16.97) | 68 | FBH12708-D68S1XXXK6XXX | 1.650(41.91) | 1.818(46.18) |
| 24 | FBH12708-D24S1XXXK6XXX | .550(13.97) | .718(18.24) | 70 | FBH12708-D70S1XXXK6XXX | 1.700(43.18) | 1.868(47.45) |
| 26 | FBH12708-D26S1XXXK6XXX | .600(15.24) | .768(19.51) | 72 | FBH12708-D72S1XXXK6XXX | 1.750(44.45) | 1.918(48.72) |
| 28 | FBH12708-D28S1XXXK6XXX | .650(16.51) | .818(20.78) | 74 | FBH12708-D74S1XXXK6XXX | 1.800(45.72) | 1.968(49.99) |
| 30 | FBH12708-D30S1XXXK6XXX | .700(17.78) | .868(22.05) | 76 | FBH12708-D76S1XXXK6XXX | 1.850(46.99) | 2.018(51.26) |
| 32 | FBH12708-D32S1XXXK6XXX | .750(19.05) | .918(23.32) | 78 | FBH12708-D78S1XXXK6XXX | 1.900(48.26) | 2.068(52.53) |
| 34 | FBH12708-D34S1XXXK6XXX | .800(20.32) | .968(24.59) | 80 | FBH12708-D80S1XXXK6XXX | 1.950(49.53) | 2.118(53.80) |
| 36 | FBH12708-D36S1XXXK6XXX | .850(21.59) | 1.018(25.86) | 82 | FBH12708-D82S1XXXK6XXX | 2.000(50.80) | 2.168(55.07) |
| 38 | FBH12708-D38S1XXXK6XXX | .900(22.86) | 1.068(27.13) | 84 | FBH12708-D84S1XXXK6XXX | 2.050(52.07) | 2.218(56.34) |
| 40 | FBH12708-D40S1XXXK6XXX | .950(24.13) | 1.118(28.40) | 86 | FBH12708-D86S1XXXK6XXX | 2.100(53.34) | 2.268(57.61) |
| 42 | FBH12708-D42S1XXXK6XXX | 1.000(25.40) | 1.168(29.67) | 88 | FBH12708-D88S1XXXK6XXX | 2.150(54.61) | 2.318(58.88) |
| 44 | FBH12708-D44S1XXXK6XXX | 1.050(26.67) | 1.218(30.94) | 90 | FBH12708-D90S1XXXK6XXX | 2.200(55.88) | 2.368(60.15) |
| 46 | FBH12708-D46S1XXXK6XXX | 1.100(27.94) | 1.268(32.21) | 92 | FBH12708-D92S1XXXK6XXX | 2.250(57.15) | 2.418(61.42) |
| 48 | FBH12708-D48S1XXXK6XXX | 1.150(29.21) | 1.318(33.48) | 94 | FBH12708-D94S1XXXK6XXX | 2.300(58.42) | 2.468(62.69) |
| 50 | FBH12708-D50S1XXXK6XXX | 1.200(30.48) | 1.368(34.75) | 96 | FBH12708-D96S1XXXK6XXX | 2.350(59.69) | 2.518(63.96) |
| 52 | FBH12708-D52S1XXXK6XXX | 1.250(31.75) | 1.418(36.02) | 98 | FBH12708-D98S1XXXK6XXX | 2.400(60.96) | 2.568(65.23) |
| 54 | FBH12708-D54S1XXXK6XXX | 1.300(33.02) | 1.468(37.29) | 100 | FBH12708-D100S1XXXK6XXX | 2.450(62.23) | 2.697(68.50) |

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|---|--|-----------------|----------------------|-------------------|---|--|---|-------|
|  THIRD ANGLE PROJECTION | GENERAL TOLERANCES (UNLESS SPECIFIED) | | APPROVE BY FRANK | DATE 19/JUL/13 | PART NO. FBH12708-DXXS1XXXK6XXX | ITEM NO. FBH12708 |  Leader Of Industry | |
| | X.±.012(0.30) | X'.±5' | CHECKED BY CHERRY | DATE 19/JUL/13 | TITLE Wire to Board(Box Header) Pitch 1.27mm 180° Vertical(SMT) | | | REV 1 |
| | DESIGN UNITS Inch (metric) | X.XX±.008(0.20) | .X'±2' | DRAWN BY JACOB | DATE 19/JUL/13 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | |
| | SCALE 5:1 | SIZE A4 | X.XX±.006(0.15) | .XX'±1' | X.XXX±.004(0.10) | .XX'±0.5' | | |

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1 2 3 4 5 6 7 8

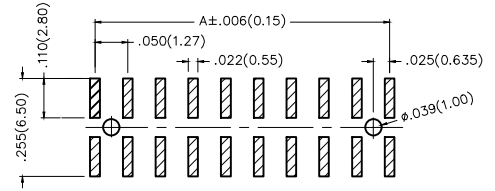
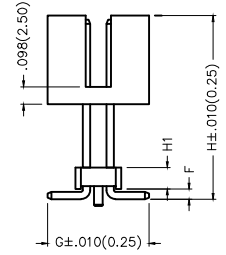
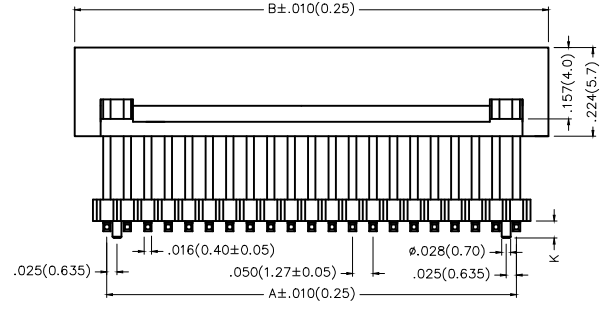
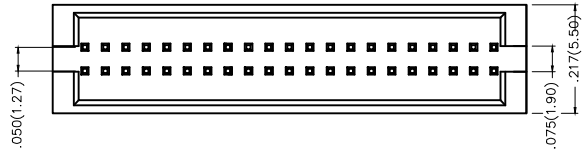
| REV | LOCATIONS | DESCRIPTION | DATE | REVISER | APPD |
|-----|-----------|----------------|-----------|---------|--------|
| 1 | | Update version | 11/AUG/20 | KATE | CHERRY |

Electrical

Current Rating: 1.0A AC(rms)/DC
 Voltage Rating: 250V AC(rms)/DC
 Contact Resistance: 20 mΩ Max
 Insulation Resistance: 1000 MΩ MIN
 Withstanding Voltage: 500V AC r.m.s
 Temperature Range—Operating: -40°C~+85°C

Material and Plating

Housing: Glass Filled Polyester (UL 94V-0)
 Pin: Brass/Gold—Flash/Gold Plated Options



Recommended P.C.Board Layout

Ordering Information

FBH 127 08 — D XX S 1 XX X K6 X A XX
 1 2 3 4 5 6 7 8 9 10 11 12 13

| | | | | | | | | | | | | | |
|---|---|---|-----------------------------------|----|-------------------------|----|---|----|-------------------------|----|--|---|--------------------------|
| 1 | Category FBH—Box Header | 2 | Series Number 127—Pitch 1.27mm | 3 | Distinction No. 08 | 4 | Row Option D—Double Row | 5 | Circuits XX | 6 | Entry Angle S—180° Vertical | 7 | Plating 1—Gold Plated |
| 8 | Thickness of Plating 00—Gold Flash 05—5μ" Custom plate available | 9 | Material—Resin 3—LCP 4—PA9T | 10 | Color—Resin K6—Black | 11 | Packaging K—Tray L—Tube M—Reel | 12 | Type A—With position | 13 | Size 01,02... —Series number (See Table1) Custom length available | | |

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|-------------------------------|---------------------------------------|-----------------|---------------------|----------------------|-------------------------------------|--|---------------------------|
| <p>THIRD ANGLE PROJECTION</p> | GENERAL TOLERANCES (UNLESS SPECIFIED) | | APPROVE BY FRANK | DATE 19/JUL/13 | PART NO. FBH12708—DXXS1XXXK6XAXX | ITEM NO. FBH12708 | <p>Leader Of Industry</p> |
| | DESIGN UNITS Inch (metric) | X.±.012(0.30) | X.±5' | CHECKED BY CHERRY | DATE 19/JUL/13 | TITLE Wire to Board(Box Header) Pitch 1.27mm 180° Vertical(SMT) | |
| SCALE 5:1 | SIZE A4 | X.XX±.006(0.15) | .XX±1' | DRAWN BY JACOB | DATE 19/JUL/13 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | |

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1 2 3 4 5 6 7 8

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|-----|-----------|-------------|------|---------|------|
| REV | LOCATIONS | DESCRIPTION | DATE | REVISER | APPD |
| | | | | | |

A

A

B

B

C

C

D

D



E

E

F

F

| Circuits (n) | Part No. | Dimensions(in/mm) | | Circuits (n) | Part No. | Dimensions(in/mm) | |
|-----------------|-------------------------|-------------------|--------------|-----------------|--------------------------|-------------------|--------------|
| | | A | B | | | A | B |
| 10 | FBH12708-D10S1XXXK6XAXX | .200(5.08) | .368(9.35) | 56 | FBH12708-D56S1XXXK6XAXX | 1.350(34.29) | 1.518(38.56) |
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| 14 | FBH12708-D14S1XXXK6XAXX | .300(7.62) | .468(11.89) | 60 | FBH12708-D60S1XXXK6XAXX | 1.450(36.83) | 1.618(41.10) |
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| 18 | FBH12708-D18S1XXXK6XAXX | .400(10.16) | .568(14.43) | 64 | FBH12708-D64S1XXXK6XAXX | 1.550(39.37) | 1.719(43.66) |
| 20 | FBH12708-D20S1XXXK6XAXX | .450(11.43) | .618(15.70) | 66 | FBH12708-D66S1XXXK6XAXX | 1.600(40.66) | 1.768(44.91) |
| 22 | FBH12708-D22S1XXXK6XAXX | .500(12.70) | .668(16.97) | 68 | FBH12708-D68S1XXXK6XAXX | 1.650(41.91) | 1.818(46.18) |
| 24 | FBH12708-D24S1XXXK6XAXX | .550(13.97) | .718(18.24) | 70 | FBH12708-D70S1XXXK6XAXX | 1.700(43.18) | 1.868(47.45) |
| 26 | FBH12708-D26S1XXXK6XAXX | .600(15.24) | .768(19.51) | 72 | FBH12708-D72S1XXXK6XAXX | 1.750(44.45) | 1.918(48.72) |
| 28 | FBH12708-D28S1XXXK6XAXX | .650(16.51) | .818(20.78) | 74 | FBH12708-D74S1XXXK6XAXX | 1.800(45.72) | 1.968(49.99) |
| 30 | FBH12708-D30S1XXXK6XAXX | .700(17.78) | .868(22.05) | 76 | FBH12708-D76S1XXXK6XAXX | 1.850(46.99) | 2.018(51.26) |
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| 34 | FBH12708-D34S1XXXK6XAXX | .800(20.32) | .968(24.59) | 80 | FBH12708-D80S1XXXK6XAXX | 1.950(49.53) | 2.118(53.80) |
| 36 | FBH12708-D36S1XXXK6XAXX | .850(21.59) | 1.018(25.86) | 82 | FBH12708-D82S1XXXK6XAXX | 2.000(50.80) | 2.168(55.07) |
| 38 | FBH12708-D38S1XXXK6XAXX | .900(22.86) | 1.068(27.13) | 84 | FBH12708-D84S1XXXK6XAXX | 2.050(52.07) | 2.218(56.34) |
| 40 | FBH12708-D40S1XXXK6XAXX | .950(24.13) | 1.118(28.40) | 86 | FBH12708-D86S1XXXK6XAXX | 2.100(53.34) | 2.268(57.61) |
| 42 | FBH12708-D42S1XXXK6XAXX | 1.000(25.40) | 1.168(29.67) | 88 | FBH12708-D88S1XXXK6XAXX | 2.150(54.61) | 2.318(58.88) |
| 44 | FBH12708-D44S1XXXK6XAXX | 1.050(26.67) | 1.218(30.94) | 90 | FBH12708-D90S1XXXK6XAXX | 2.200(55.88) | 2.368(60.15) |
| 46 | FBH12708-D46S1XXXK6XAXX | 1.100(27.94) | 1.268(32.21) | 92 | FBH12708-D92S1XXXK6XAXX | 2.250(57.15) | 2.418(61.42) |
| 48 | FBH12708-D48S1XXXK6XAXX | 1.150(29.21) | 1.318(33.48) | 94 | FBH12708-D94S1XXXK6XAXX | 2.300(58.42) | 2.468(62.69) |
| 50 | FBH12708-D50S1XXXK6XAXX | 1.200(30.48) | 1.368(34.75) | 96 | FBH12708-D96S1XXXK6XAXX | 2.350(59.69) | 2.518(63.96) |
| 52 | FBH12708-D52S1XXXK6XAXX | 1.250(31.75) | 1.418(36.02) | 98 | FBH12708-D98S1XXXK6XAXX | 2.400(60.96) | 2.568(65.23) |
| 54 | FBH12708-D54S1XXXK6XAXX | 1.300(33.02) | 1.468(37.29) | 100 | FBH12708-D100S1XXXK6XAXX | 2.450(62.23) | 2.697(68.50) |

| | | | | | | | | | |
|---|--|------------------|----------------------|-------------------|---|--|---|-------|---------------|
|  THIRD ANGLE PROJECTION | GENERAL TOLERANCES (UNLESS SPECIFIED) | | APPROVE BY FRANK | DATE 19/JUL/13 | PART NO. FBH12708-DXXS1XXXK6XAXX | ITEM NO. FBH12708 |  Leader Of Industry | | |
| | X.±.012(0.30) | X.±5' | CHECKED BY CHERRY | DATE 19/JUL/13 | TITLE Wire to Board(Box Header) Pitch 1.27mm 180° Vertical(SMT) | | | REV 1 | SHEET NO. 3/3 |
| | DESIGN UNITS Inch (metric) | X.X±.008(0.20) | .X'±2' | DRAWN BY JACOB | DATE 19/JUL/13 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | |
| SCALE 5:1 | SIZE A4 | X.XX±.006(0.15) | .XX'±1' | | | | | | |
| | | X.XXX±.004(0.10) | .XXX'±0.5' | | | | | | |

1 2 3 4 5 6 7 8