

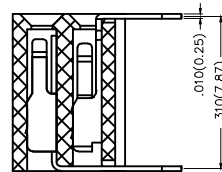
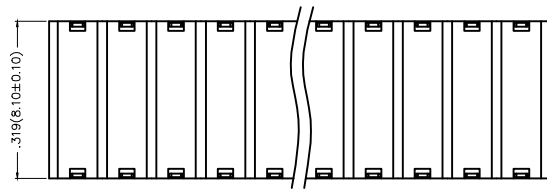
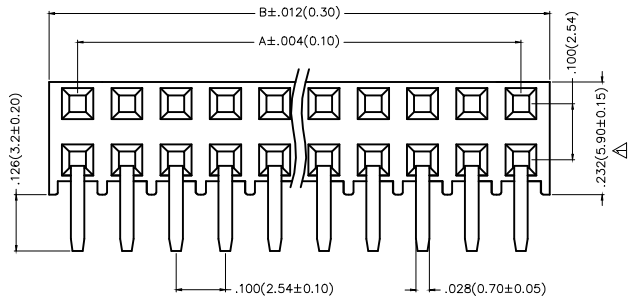
| REV | LOCATIONS | DESCRIPTION | DATE | REVISER | APPD |
|-----|-----------|----------------------------------|----------|---------|------|
| 1 | Δ | Size 5.8±0.05 Change to 5.9±0.15 | 20160624 | CHERRY | JACK |

Electrical

Current Rating: 3A 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~+105°C

Material and Plating

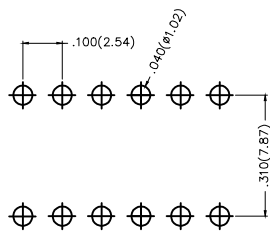
Housing: PBT/PA6T(UL 94V-0)
Contact Pin: Brass
Plating: Gold Plated/Selective gold in contact area, tin on tail



Ordering Information

FFH 254 23 — D XX B X XX X K6 K
1 2 3 4 5 6 7 8 9 10 11

| | | | | | |
|---|---|---------------------------------------|--------------------------------|--------------------------|-------------------------------|
| 1 Category FFH—Female Header | 2 Series Number 254—Pitch2.54mm | 3 Distinction No. 23 | 4 Row Option D—Double Row | 5 Circuits XX | 6 Entry Type B—90° Angle |
| 7 Plating 1—Gold Plated 3—Selective gold in contact area, tin on tail 6—Selective gold in contact area, gold flash on tail | 8 Thickness of Plating 00—Gold Flash 05—5μ" Custom plate available | 9 Material—Resin 1—PBT 4—PA6T | 10 Color—Resin K6—Black | 11 Packaging K—Tray | |





Recommended P.C.Board Layout

| | | | | | | | | |
|----------------------------|---------------------------------------|-----------------|---------------------|---------------------|----------------------------------|---|------------------------|-------|
| THIRD ANGLE PROJECTION | GENERAL TOLERANCES (UNLESS SPECIFIED) | | APPROVE BY FRANK | DATE 24/JUN/16 | PART NO. FFH25423-DXXBXXXXK6K | ITEM NO. FFH25423 | Leader Of Industry | |
| | DESIGN UNITS Inch (metric) | X.X±.012(0.30) | X'.±5' | CHECKED BY JACOB | DATE 24/JUN/16 | TITLE Board to Board (Female Header) Pitch 2.54mm 90° Angle (DIP) | | REV 1 |
| SCALE 5:1 | SIZE A4 | X.XX±.006(0.15) | .XX'±1' | DRAWN BY CHERRY | DATE 24/JUN/16 | 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 | △ | Size 5.8±0.05 Change to 5.9±0.15 | 20160624 | CHERRY | JACK |

| Circuits (n) | Part No. | Dimensions(in/mm) | | Circuits (n) | Part No. | Dimensions(in/mm) | |
|--------------|----------------------|-------------------|--------------|--------------|----------------------|-------------------|--------------|
| | | A | B | | | A | B |
| 4 | FFH25423-D04BXXXXK6K | .100(2.54) | .200(5.08) | 44 | FFH25423-D44BXXXXK6K | 2.100(53.34) | 2.200(55.88) |
| 6 | FFH25423-D06BXXXXK6K | .200(5.08) | .300(7.62) | 46 | FFH25423-D46BXXXXK6K | 2.200(55.88) | 2.300(58.42) |
| 8 | FFH25423-D08BXXXXK6K | .300(7.62) | .400(10.16) | 48 | FFH25423-D48BXXXXK6K | 2.300(58.42) | 2.400(60.96) |
| 10 | FFH25423-D10BXXXXK6K | .400(10.16) | .500(12.70) | 50 | FFH25423-D50BXXXXK6K | 2.400(60.96) | 2.500(63.50) |
| 12 | FFH25423-D12BXXXXK6K | .500(12.70) | .600(15.24) | 52 | FFH25423-D52BXXXXK6K | 2.500(63.50) | 2.600(66.04) |
| 14 | FFH25423-D14BXXXXK6K | .600(15.24) | .700(17.78) | 54 | FFH25423-D54BXXXXK6K | 2.600(66.04) | 2.700(68.58) |
| 16 | FFH25423-D16BXXXXK6K | .700(17.78) | .800(20.32) | 56 | FFH25423-D56BXXXXK6K | 2.700(68.58) | 2.800(71.12) |
| 18 | FFH25423-D18BXXXXK6K | .800(20.32) | .900(22.86) | 58 | FFH25423-D58BXXXXK6K | 2.800(71.12) | 2.900(73.66) |
| 20 | FFH25423-D20BXXXXK6K | .900(22.86) | 1.000(25.40) | 60 | FFH25423-D60BXXXXK6K | 2.900(73.66) | 3.000(76.20) |
| 22 | FFH25423-D22BXXXXK6K | 1.000(25.40) | 1.100(27.94) | 62 | FFH25423-D62BXXXXK6K | 3.000(76.20) | 3.100(78.74) |
| 24 | FFH25423-D24BXXXXK6K | 1.100(27.94) | 1.200(30.48) | 64 | FFH25423-D64BXXXXK6K | 3.100(78.74) | 3.200(81.28) |
| 26 | FFH25423-D26BXXXXK6K | 1.200(30.48) | 1.300(33.02) | 66 | FFH25423-D66BXXXXK6K | 3.200(81.28) | 3.300(83.82) |
| 28 | FFH25423-D28BXXXXK6K | 1.300(33.02) | 1.400(35.56) | 68 | FFH25423-D68BXXXXK6K | 3.300(83.82) | 3.400(86.36) |
| 30 | FFH25423-D30BXXXXK6K | 1.400(35.56) | 1.500(38.10) | 70 | FFH25423-D70BXXXXK6K | 3.400(86.36) | 3.500(88.90) |
| 32 | FFH25423-D32BXXXXK6K | 1.500(38.10) | 1.600(40.64) | 72 | FFH25423-D72BXXXXK6K | 3.500(88.90) | 3.600(91.44) |
| 34 | FFH25423-D34BXXXXK6K | 1.600(40.64) | 1.700(43.18) | 74 | FFH25423-D74BXXXXK6K | 3.600(91.44) | 3.700(93.98) |
| 36 | FFH25423-D36BXXXXK6K | 1.700(43.18) | 1.800(45.72) | 76 | FFH25423-D76BXXXXK6K | 3.700(93.98) | 3.800(96.52) |
| 38 | FFH25423-D38BXXXXK6K | 1.800(45.72) | 1.900(48.26) | 78 | FFH25423-D78BXXXXK6K | 3.800(96.52) | 3.900(99.06) |
| 40 | FFH25423-D40BXXXXK6K | 1.900(48.26) | 2.000(50.80) | 80 | FFH25423-D80BXXXXK6K | 3.900(99.06) | 4.00(101.60) |
| 42 | FFH25423-D42BXXXXK6K | 2.000(50.80) | 2.100(53.34) | | | | |

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|---|--|------------------|---------------------|---------------------|----------------------------------|---|---|-------|
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| | | X.XXX±.004(0.10) | .XXX±0.5' | | | | | |