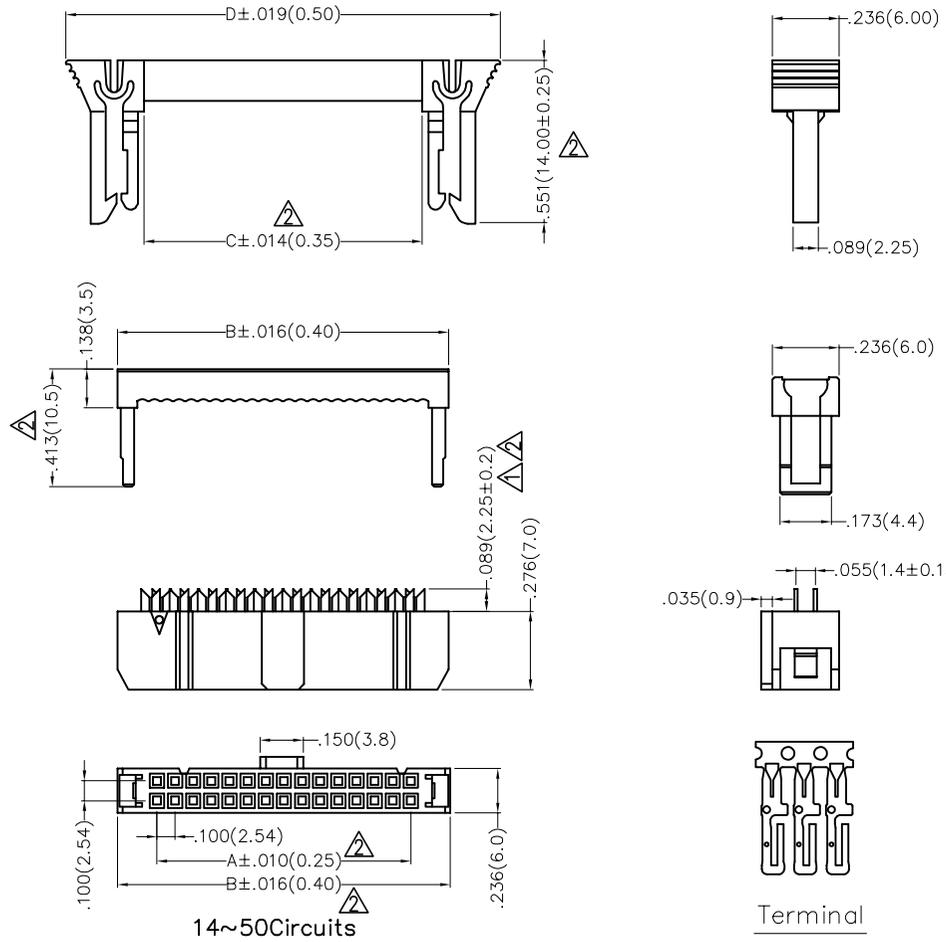


1 2 3 4 5 6 7 8

| REV | LOCATIONS | DESCRIPTION | DATE | REVISER | APPD |
|-----|-----------|----------------------------------|-----------|---------|-------|
| 1 | ① | Size Changes | 19/JUN/19 | KATE | FRANK |
| 2 | ② | Update dimensions and tolerances | 31/MAR/23 | MATT | LEO |



SPECIFICATIONS

Electrical

Current Rating: 2.0A 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~+105°C

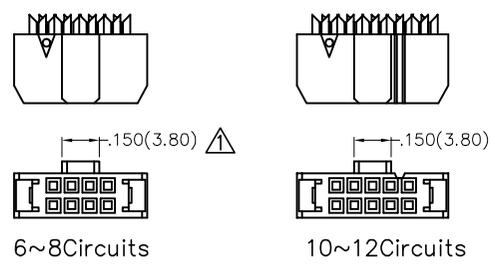
Material and Plating

Housing: PBT (UL94V-0)
 Contact: Brass
 Plating: Nickel Plated

Ordering Information

FID 254 07 — XX 3 K6 K
 1 2 3 4 5 6 7

1 Category FID-DC 2 Series Number 254-Pitch2.54mm 3 Distinction No. 07 4 Circuits XX 5 Plating 3-Nickel Plated 6 Color-Resin K6-Black 7 Packaging K-Tray



| | | | | | | | |
|-------------------------------|---------------------------------------|------------------|------------|-----------|--|--|--|
| <p>THIRD ANGLE PROJECTION</p> | GENERAL TOLERANCES (UNLESS SPECIFIED) | | APPROVE BY | DATE | PART NO. | ITEM NO. | <p>Building Technology Cornerstone</p> |
| | X.±.012(0.30) | X.±5' | FRANK | 09/SEP/13 | FID25407-XX3K6K | FID25407 | |
| | X.X±.0010(0.25) | .X'±2' | CHECKED BY | DATE | TITLE Wire to Board(IDC Connector) Pitch 2.54mm | | |
| | X.XX±.008(0.20) | .XX±1' | CHEERY | 09/SEP/13 | REV 2 | SHEET NO. 1/2 | |
| SCALE 5:1 | SIZE A4 | X.XXX±.004(0.10) | .XX±0.5' | DRAWN BY | DATE | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | |
| | | | JACOB | 09/SEP/13 | | | |

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) | | | |
|--------------|-----------------|-------------------|--------------|---|--------------|
| | | A | B | C  | D |
| 6 | FID25407-063K6K | .200(5.08) | .485(12.32) | .316(8.02) | .843(21.40) |
| 8 | FID25407-083K6K | .300(7.62) | .585(14.86) | .416(10.56) | .943(23.94) |
| 10 | FID25407-103K6K | .400(10.16) | .685(17.40) | .516(13.10) | 1.043(26.48) |
| 12 | FID25407-123K6K | .500(12.70) | .785(19.94) | .616(15.64) | 1.143(29.02) |
| 14 | FID25407-143K6K | .600(15.24) | .885(22.48) | .716(18.18) | 1.243(31.56) |
| 16 | FID25407-163K6K | .700(17.78) | .985(25.02) | .816(20.72) | 1.343(34.10) |
| 18 | FID25407-183K6K | .800(20.32) | 1.085(27.56) | .916(23.26) | 1.343(36.64) |
| 20 | FID25407-203K6K | .900(22.86) | 1.185(30.10) | 1.016(25.80) | 1.543(39.18) |
| 24 | FID25407-243K6K | 1.100(27.94) | 1.385(35.18) | 1.216(30.88) | 1.743(44.26) |
| 26 | FID25407-263K6K | 1.200(30.48) | 1.485(37.72) | 1.316(33.42) | 1.843(46.80) |
| 30 | FID25407-303K6K | 1.400(35.56) | 1.685(42.80) | 1.516(38.50) | 2.043(51.88) |
| 34 | FID25407-343K6K | 1.600(40.64) | 1.885(47.88) | 1.716(43.58) | 2.243(56.96) |
| 36 | FID25407-363K6K | 1.700(43.18) | 1.985(50.42) | 1.816(46.12) | 2.343(59.50) |
| 40 | FID25407-403K6K | 1.900(48.26) | 2.185(55.50) | 2.016(51.20) | 2.543(64.58) |
| 44 | FID25407-443K6K | 2.100(53.34) | 2.385(60.58) | 2.216(56.28) | 2.743(69.66) |
| 50 | FID25407-503K6K | 2.400(60.96) | 2.685(68.20) | 2.516(63.90) | 3.043(77.28) |

| | | | | | | | |
|--|---------------------------------------|-----------------------------|------------|-----------|--|---------------|--|
|  THIRD ANGLE PROJECTION | GENERAL TOLERANCES (UNLESS SPECIFIED) | | APPROVE BY | DATE | PART NO. | ITEM NO. |  Building Technology Cornerstone |
| | X.±.012(0.30) X.±5' | | FRANK | 09/SEP/13 | FID25407-XX3K6K | FID25407 | |
| | DESIGN UNITS Inch (metric) | | CHECKED BY | DATE | TITLE | | |
| | X.X±.0010(0.25) .X'±2' | | CHERRY | 09/SEP/13 | Wire to Board(IDC Connector) Pitch 2.54mm | | |
| SCALE | SIZE | X.XX±.008(0.20) .XX'±1' | DRAWN BY | DATE | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | |
| 5:1 | A4 | X.XXX±.004(0.10) .XXX'±0.5' | JACOB | 09/SEP/13 | REV 2 | SHEET NO. 2/2 | |