

| REV | LOCATIONS | DESCRIPTION | DATE | REVISER | APPD |
|-----|-----------|-----------------------------------|-----------|---------|--------|
| 1 | | Dimension: Change 2.30 into 2.2mm | 06/AUG/19 | KATE | CHERRY |

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

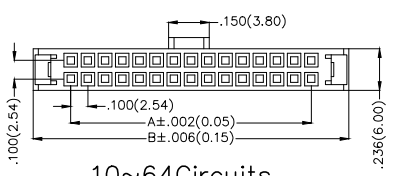
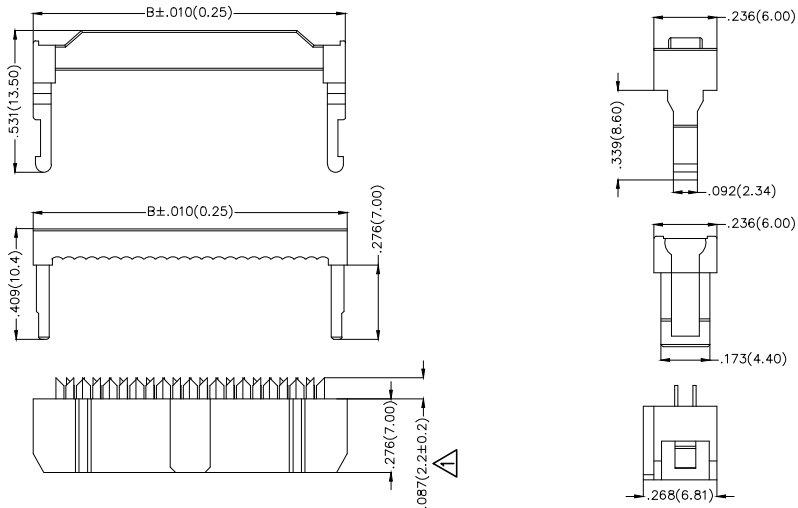
Material and Plating
 Housing: PBT(UL94V-0)
 Contact: Brass
 Plating: Nickel Plated/Gold in contact area,
 Nickel on tail

Ordering Information

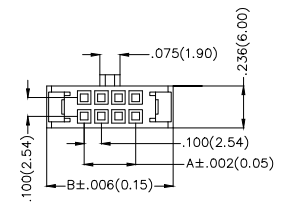
FID 254 02 - XX X K6 K
 1 2 3 4 5 6 7

| 1 | Category | 2 | Series Number | 3 | Distinction No. | 4 | Circuits | 5 | Plating | 6 | Color-Resin | 7 | Packaging |
|---|----------|---|------------------|---|-----------------|---|----------|---|---|---|-------------|---|-----------|
| | FID-IDC | | 254-Pitch 2.54mm | | 02 | | XX | | 3-Nickel Plated 4-Gold in contact area, Nickel on tail | | K6-Black | | K-Tray |

| Circuits (n) | Part No. | Dimensions(in/mm) | | Circuits (n) | Part No. | Dimensions(in/mm) | |
|--------------|-----------------|-------------------|--------------|--------------|-----------------|-------------------|--------------|
| | | A | B | | | A | B |
| 6 | FID25402-06XK6K | .200(5.08) | .485(12.32) | 26 | FID25402-26XK6K | 1.200(30.48) | 1.485(37.72) |
| 8 | FID25402-08XK6K | .300(7.62) | .585(14.86) | 30 | FID25402-30XK6K | 1.400(35.56) | 1.685(42.80) |
| 10 | FID25402-10XK6K | .400(10.16) | .685(17.40) | 34 | FID25402-34XK6K | 1.600(40.64) | 1.885(47.88) |
| 12 | FID25402-12XK6K | .500(12.70) | .785(19.94) | 36 | FID25402-36XK6K | 1.700(43.18) | 1.985(50.42) |
| 14 | FID25402-14XK6K | .600(15.24) | .885(22.48) | 40 | FID25402-40XK6K | 1.900(48.26) | 2.185(55.50) |
| 16 | FID25402-16XK6K | .700(17.78) | .985(25.02) | 44 | FID25402-44XK6K | 2.100(53.34) | 2.385(60.58) |
| 18 | FID25402-18XK6K | .800(20.32) | 1.085(27.56) | 50 | FID25402-50XK6K | 2.400(60.96) | 2.685(68.20) |
| 20 | FID25402-20XK6K | .900(22.86) | 1.185(30.10) | 60 | FID25402-60XK6K | 2.900(73.66) | 3.185(80.90) |
| 24 | FID25402-24XK6K | 1.100(27.94) | 1.385(35.18) | 64 | FID25402-64XK6K | 3.100(78.74) | 3.385(85.98) |



10~64Circuits



6~8Circuits

| | | | | | | | |
|-----------------------------------|---------------------------------------|------------------|------------|-----------|--|--|---------------------------------------|
| THIRD ANGLE PROJECTION | GENERAL TOLERANCES (UNLESS SPECIFIED) | | APPROVE BY | DATE | PART NO. | ITEM NO. | TXGA Leader Of Industry |
| | X.±.012(0.30) | X.±5' | FRANK | 9/SEPT/13 | FID25402-XXK6K | FID25402 | |
| | X.X±.008(0.20) | .X'±2' | CHECKED BY | DATE | TITLE Wire to Board(IDC Connector) Pitch 2.54mm | | |
| | X.XX±.006(0.15) | .XX'±1' | CHERRY | 9/SEPT/13 | REV 1 | SHEET NO. 1/1 | |
| SCALE 5:1 | SIZE A4 | X.XXX±.004(0.10) | .XXX'±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 | 9/SEPT/13 | | | | |

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