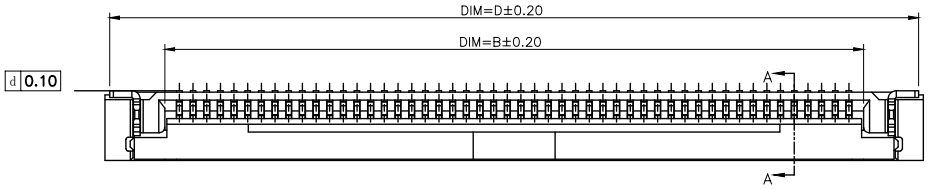
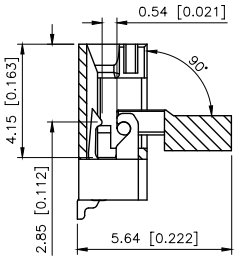
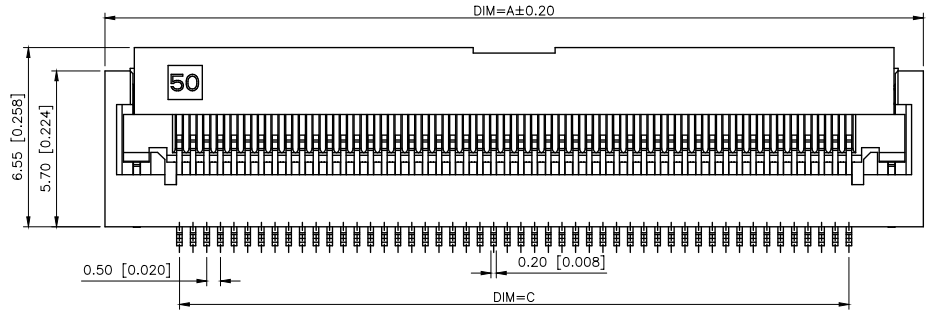
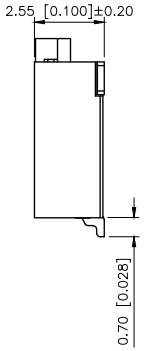
| REVISIONS | | | | | |
|---|---|---|---|---|---|
| REV. | ECN NO. | LOCATION | DESCRIPTION | DATE | DESIGN |
| A0 | N/A | | INITIAL RELEASE | / | / |
| A1 | N/A | | 图面升级整理图面 | 2025.05.20 | 阿树 |




PERFORMANCE
1:CURRENT RATING:0.5A/PIN.
2:VOLTAGE RATING: 50V (AC/DC)
3:CONTACT RESISTANCE: 50mΩ Max
4:INSULATION RESISTANCE: 500MΩ Min.
5:OPERATING TEMPERATURE:−40℃~+125℃
MATERIAL:
1:Metal material:Terminal Copper alloy Gold plating
Soldering lug Copper alloy Tin plating
2:Plastic material:Rubber core LCP UL94V−0 nature
Rear cover LCP UL94V−0 black

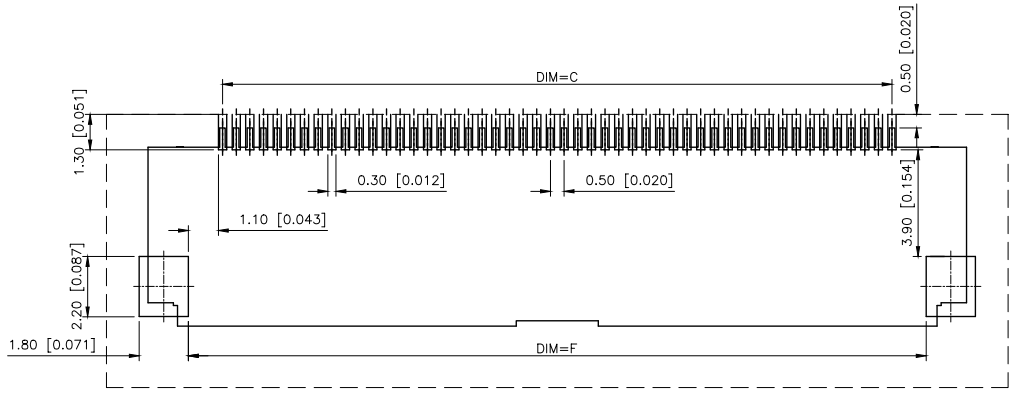


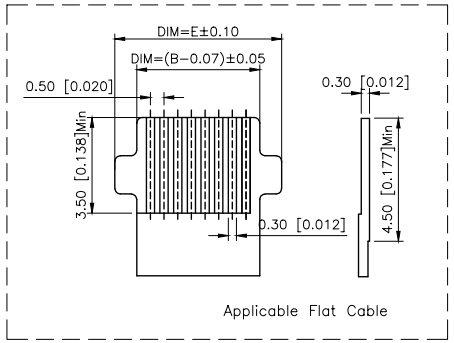

PART NO.:

X05 A 255 L K 30 G
① ② ③ ④ ⑤ ⑥ ⑦

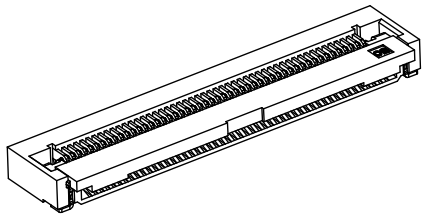
①Series Name:X05=0.50mm Pitch
②Operating mode:A=Flip−open cover
③Height:255−H=2.55mm
④Assembly style:L:Low Contact SMT Type
⑤Plug the Pin&Special No:K−Belt fastener
⑥Number of terminals :XX=05−80PIN
⑦Plating : G:Gold Flash Over Nickel




PCB LAYOUT




Applicable Flat Cable



| AuGLAR | ±5° |
|---|---|
| X. | ±0.40 |
| X.x | ±0.30 |
| X.xx | ±0.20 |
| X.xxx | ±0.15 |
| UNSPECIFIED TOLERAuCES | |

XKB 星创 Connection

| | | | |
|---|---|---|---|
| DESIGN | 阿树 | VIEW: | MODEL TYPE: FPC CONNECTOR |
| CHECKED | | UNIT: mm/in | PART NO.: X05A255LK30G |
| APPROVED | | SIZE: A4 | DWG NO.: X05A255LK30G |

XKB INDUSTRIAL PRECISION CO.,LIMITED

| SCALE | PAGE | REVISION |
|---|---|---|
| N/A | 1/2 | A1 |

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| | REVISIONS | | | | |
|---|---|---|---|---|---|
| REV. | ECN NO. | LOCATION | DESCRIPTION | DATE | DESIGN |
| A0 | N/A | | INITIAL RELEASE | / | / |
| A1 | N/A | | 图面升级整理图面 | 2025.05.20 | 阿树 |

| Poles | DIM A | DIM B | DIM C | DIM D | DIM E | DIM F | Poles | DIM A | DIM B | DIM C | DIM D | DIM E | DIM F |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 | 7.45 | 3.07 | 2.00 | 7.10 | 4.60 | 4.50 | 42 | 26.45 | 22.07 | 21.00 | 26.10 | 23.60 | 23.50 |
| 6 | 7.95 | 3.57 | 2.50 | 7.60 | 5.10 | 5.00 | 44 | 26.95 | 22.57 | 21.50 | 26.60 | 24.10 | 24.00 |
| 7 | 8.45 | 4.07 | 3.00 | 8.10 | 5.60 | 5.50 | 45 | 27.45 | 23.07 | 22.00 | 27.10 | 24.60 | 24.50 |
| 8 | 8.95 | 4.57 | 3.50 | 8.60 | 6.10 | 6.00 | 46 | 27.95 | 23.57 | 22.50 | 27.60 | 25.10 | 25.00 |
| 9 | 9.45 | 5.07 | 4.00 | 9.10 | 6.60 | 6.50 | 47 | 28.45 | 24.07 | 23.00 | 28.10 | 25.60 | 25.50 |
| 10 | 9.95 | 5.57 | 4.50 | 9.60 | 7.10 | 7.00 | 48 | 28.95 | 24.57 | 23.50 | 28.60 | 26.10 | 26.00 |
| 11 | 10.45 | 6.07 | 5.00 | 10.10 | 7.60 | 7.50 | 49 | 29.45 | 25.07 | 24.00 | 29.10 | 26.60 | 26.50 |
| 12 | 10.95 | 6.57 | 5.50 | 10.60 | 8.10 | 8.00 | 50 | 29.95 | 25.57 | 24.50 | 29.60 | 27.10 | 27.00 |
| 13 | 11.45 | 7.07 | 6.00 | 11.10 | 8.60 | 8.50 | 51 | 30.45 | 26.07 | 25.00 | 30.10 | 27.60 | 27.50 |
| 14 | 11.95 | 7.57 | 6.50 | 11.60 | 9.10 | 9.00 | 52 | 30.95 | 26.57 | 25.50 | 30.60 | 28.10 | 28.00 |
| 15 | 12.45 | 8.07 | 7.00 | 12.10 | 9.60 | 9.50 | 53 | 31.45 | 27.07 | 26.00 | 31.10 | 28.60 | 28.50 |
| 16 | 12.95 | 8.57 | 7.50 | 12.60 | 10.10 | 10.00 | 54 | 31.95 | 27.57 | 26.50 | 31.60 | 29.10 | 29.00 |
| 17 | 13.45 | 9.07 | 8.00 | 13.10 | 10.60 | 10.50 | 55 | 32.45 | 28.07 | 27.00 | 32.10 | 29.60 | 29.50 |
| 18 | 13.95 | 9.57 | 8.50 | 13.60 | 11.10 | 11.00 | 56 | 32.95 | 28.57 | 27.50 | 32.60 | 30.10 | 30.00 |
| 19 | 14.45 | 10.07 | 9.00 | 14.10 | 11.60 | 11.50 | 57 | 33.45 | 29.07 | 28.00 | 33.10 | 30.60 | 30.50 |
| 20 | 14.95 | 10.57 | 9.50 | 14.60 | 12.10 | 12.00 | 58 | 33.95 | 29.57 | 28.50 | 33.60 | 31.10 | 31.00 |
| 21 | 15.45 | 11.07 | 10.00 | 15.10 | 12.60 | 12.50 | 59 | 34.45 | 30.07 | 29.00 | 34.10 | 31.60 | 31.50 |
| 22 | 15.95 | 11.57 | 10.50 | 15.60 | 13.10 | 13.00 | 60 | 34.95 | 30.57 | 29.50 | 34.60 | 32.10 | 32.00 |
| 23 | 16.45 | 12.07 | 11.00 | 16.10 | 13.60 | 13.50 | 61 | 35.45 | 31.07 | 30.00 | 35.10 | 32.60 | 32.50 |
| 24 | 16.95 | 12.57 | 11.50 | 16.60 | 14.10 | 14.00 | 62 | 35.95 | 31.57 | 30.50 | 35.60 | 33.10 | 33.00 |
| 25 | 17.45 | 13.07 | 12.00 | 17.10 | 14.60 | 14.50 | 63 | 36.45 | 32.07 | 31.00 | 36.10 | 33.60 | 33.50 |
| 26 | 17.95 | 13.57 | 12.50 | 17.60 | 15.10 | 15.00 | 64 | 36.95 | 32.57 | 31.50 | 36.60 | 34.10 | 34.00 |
| 27 | 18.45 | 14.07 | 13.00 | 18.10 | 15.60 | 15.50 | 65 | 37.45 | 33.07 | 32.00 | 37.10 | 34.60 | 34.50 |
| 28 | 18.95 | 14.57 | 13.50 | 18.60 | 16.10 | 16.00 | 66 | 37.95 | 33.57 | 32.50 | 37.60 | 35.10 | 35.00 |
| 29 | 19.45 | 15.07 | 14.00 | 19.10 | 16.60 | 16.50 | 67 | 38.45 | 34.07 | 33.00 | 38.10 | 35.60 | 35.50 |
| 30 | 19.95 | 15.57 | 14.50 | 19.60 | 17.10 | 17.00 | 68 | 38.95 | 34.57 | 33.50 | 38.60 | 36.10 | 36.00 |
| 31 | 20.45 | 16.07 | 15.00 | 20.10 | 17.60 | 17.50 | 69 | 39.45 | 35.07 | 34.00 | 39.10 | 36.60 | 36.50 |
| 32 | 20.95 | 16.57 | 15.50 | 20.60 | 18.10 | 18.00 | 70 | 39.95 | 35.57 | 34.50 | 39.60 | 37.10 | 37.00 |
| 33 | 21.45 | 17.07 | 16.00 | 21.10 | 18.60 | 18.50 | 71 | 40.45 | 36.07 | 35.00 | 40.10 | 37.60 | 37.50 |
| 34 | 21.95 | 17.57 | 16.50 | 21.60 | 19.10 | 19.00 | 72 | 40.95 | 36.57 | 35.50 | 40.60 | 38.10 | 38.00 |
| 35 | 22.45 | 18.07 | 17.00 | 22.10 | 19.60 | 19.50 | 73 | 41.45 | 37.07 | 36.00 | 41.10 | 38.60 | 38.50 |
| 36 | 22.95 | 18.57 | 17.50 | 22.60 | 20.10 | 20.00 | 74 | 41.95 | 37.57 | 36.50 | 41.60 | 39.10 | 39.00 |
| 37 | 23.45 | 19.07 | 18.00 | 23.10 | 20.60 | 20.50 | 75 | 42.45 | 38.07 | 37.00 | 42.10 | 39.60 | 39.50 |
| 38 | 23.95 | 19.57 | 18.50 | 23.60 | 21.10 | 21.00 | 76 | 42.95 | 38.57 | 37.50 | 42.60 | 40.10 | 40.00 |
| 39 | 24.45 | 20.07 | 19.00 | 24.10 | 21.60 | 21.50 | 77 | 43.45 | 39.07 | 38.00 | 43.10 | 40.60 | 40.50 |
| 40 | 24.95 | 20.57 | 19.50 | 24.60 | 22.10 | 22.00 | 78 | 43.95 | 39.57 | 38.50 | 43.60 | 41.10 | 41.00 |
| 41 | 25.45 | 21.07 | 20.00 | 25.10 | 22.60 | 22.50 | 79 | 44.45 | 40.07 | 39.00 | 44.10 | 41.60 | 41.50 |
| 42 | 25.95 | 21.57 | 20.50 | 25.60 | 23.10 | 23.00 | 80 | 44.95 | 40.57 | 39.50 | 44.60 | 42.10 | 42.00 |

| | |
|---|---|
| AuGLAR | ±5° |
| X. | ±0.40 |
| X.x | ±0.30 |
| X.xx | ±0.20 |
| X.xxx | ±0.15 |
| UNSPECIFIED TOLERAuCES | |

XKB Connection

| | | | |
|---|---|---|---|
| DESIGN | 阿树 | VIEW: | MODEL TYPE: FPC CONNECTOR |
| CHECKED | | UNIT: mm/in | PART NO.: X05A255LKXXG |
| APPROVED | | SIZE: A4 | DWG NO.: |

XKB INDUSTRIAL PRECISION CO.,LIMITED

| SCALE | PAGE | REVISION |
|---|---|---|
| N/A | 2/2 | A1 |

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