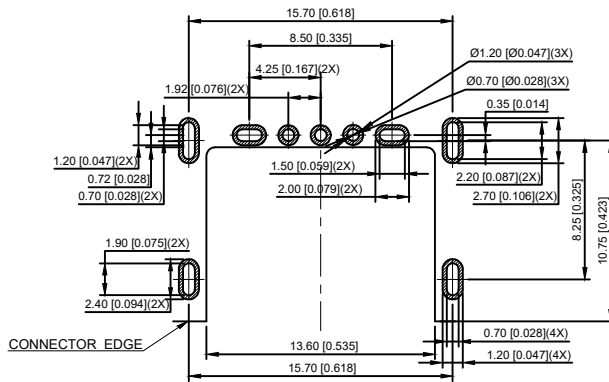
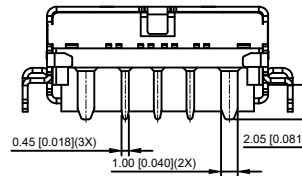
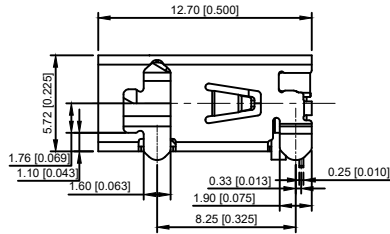
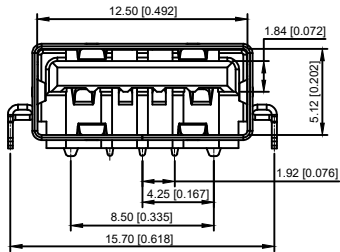


SECTION:A-A  
XKB CONNECITY



RECOMMENDED PCB LAYOUT(TOP VIEW)

THICKNESS 1.0±0.10MM:DEFAULT TOLERANCE:±0.05

### XKB CONNECITY

NOTE:

- 1.MATERIAL SPECIFICATION:
  - 1.HOUSING:PA10T.U194V-0
  - 2.CONTACTS:COPPER ALLOY(C7025)
  - 3.FRONT SHELL:STAINLESS STEEL(SUS201)
- 2.PLATING SPECIFICATION:
  - 2-1.TERMINAL:
    - Ni 50u"MIN.UNDER PLATED OVER ALL.
    - Au PLATED ON THE FUNCTIONAL AREA OF CONTACT (GOLD PLATING THICKNESS FOLLOW THE P/N PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N
  - 2-2.FRONT SHELL:
    - Ni 30u"MIN. UNDER PLATED OVER ALL,
- 3.MECHANICAL PERFORMANCE
  - 3-1.INSERTION FORCE:3.5Kgf MAX
  - 3-2.REMOVAL FORCE:1.02kgf MIN
  - 3-3.DURABILITY:1500 CYCLES.
- 4.ELECTRICAL PERFORMANCE,
  - 4-1.CURRENT RATING:
    - VBUS & GND PINS: 5A MAX.
    - OTHER PINS:0.25A MAX.
  - 4-2. LLCR:
    - VBUS & GND PINS:30mΩ/PIN MAX.
    - ALL OTHER PINS:50mΩ/PINMAX.
    - LLCR MAX.CHANGE OF ALL PINS: 10mΩ
  - 4-3.INSULATION RESISTANCE:100MΩ MIN
  - 4-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
5. ENVIRONMENTAL PERFORMANCE:
  - OPERATING TEMPERATURE:-25°C~+85°C
- 6.IR REFLOW:
  - THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.

### XKB CONNECITY

#### U224-05XN-3GRA035

- |           |        |
|-----------|--------|
| 1:Au 1U"  | 1:PBT  |
| 5:Au 15U" | 2:PA6T |
| 6:Au 30U" | 3:PA9T |
|           | 4:LCP  |

					DSND	DATE	SCALE: N/A	MODEL TYPE: USB 2.0		
					DWN	DATE	VIEW:	PART NO.:		
					CHKD	DATE	UNIT: mm/in	DWG NO.:		
					APPD	DATE	SIZE: A4	U224-05XN-3GRA035		
					KXB INDUSTRIAL PRECISION CO.,LIMITED			WEIGHT	SHEET	REVISION
								1.0g	1/1	A0

MARK	DESCRIPTION	DATE	REVISED	APPROVED	UNSPECIFIED TOLERANCES
ΔX					ANGULAR ±5°
ΔX					L ≤ 4 ±0.2
ΔX					4 < L ≤ 16 ±0.3
					16 < L ≤ 63 ±0.4
					L > 63 ±0.5

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