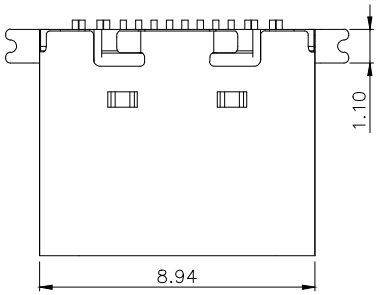
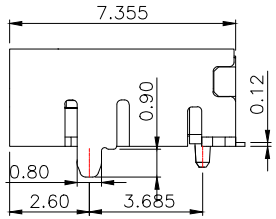
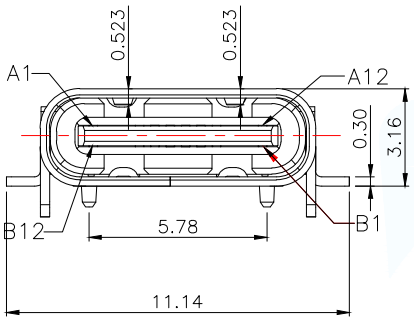
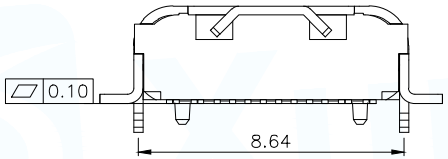
ROHS Compliant

MAPX	MODIFICATION	DATE	DRAW	APPROVE









NOTE:

1.MATERIAL SPECIFICATION:
- 1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
- 2.CONTACTS:C7025
- 3.MID PLATE: STAINLESS STEEL
- 4.FRONT SHELL: STAINLESS STEEL

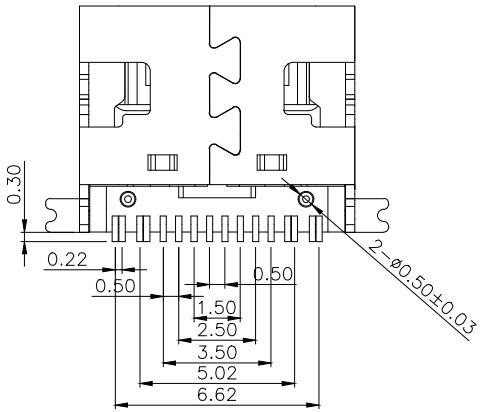
2.PLATING SPECIFICATION:
- 2-1.CONTACTS:
  - Ni 50u" MIN. UNDER PLATED OVER ALL.
  - Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.
  - (GOLD PLATING THICKNESS FOLLOW THE P/N)
  - PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N
- 2-2.FRONT SHELL:
  - Ni 30u" MIN. UNDER PLATED OVER ALL.
- 2-3.MID PLATE:
  - CLEAR ONLY

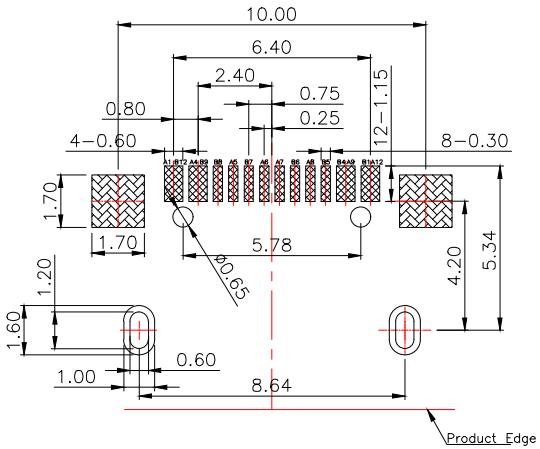
3.MECHANICAL PERFORMANCE,
- 3-1.INSERTION FORCE: 0.5~2.0kgf.
- 3-2.REMOVAL FORCE: 0.8kgf~2.0kgf.
- 3-3.DURABILITY: 10000 CYCLES.

4.ELECTRICAL PERFORMANCE,
- 4-1. CURRENT RATING:3.0A
  - VOLTAGE RATING:5.0V
- 4-2. LLCR:
  - VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  - SHIELD: 50mΩ/MAX.
  - 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.





RECOMMENDED P.C.B. LAYOUT
TOLERANCE UNSPECIFIED ±0.05mm

PIN ASSINGMENT

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	\	\	VBUS	CC1	Dp1	Dn1	SBU1	VBUS	\	\	GND
GND	\	\	VBUS	SBU2	Dn2	Dp2	CC2	VBUS	\	\	GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

NO.	DESCRIPTION	MATERIAL	REMARKS	QTY
3	SHELL	STAINLESS STEEL	Ni/Cu Plated	1PCS
2	CONTACT	C7025	Contactarea G/F 1U/3U"	1SET
1	MD	HIGH TEMPERATURE PLASTIC	BLACK	1PCS

MANUFACTURE DWG

东莞市讯普电子科技有限公司
DongGuan XunPu Electronics Co,Ltd

UNLESS OTHERWISE SPECIFED TOLERANCES

DECIMALS:	ANGLES:
.X:±0.25	X°.:±2°
.XX:±0.15	X.X°:±0.5°
.XXX:±0.10	

CUSTOMER COPY

TITLE:TYPE C母座单排16P贴板7.35长前插后贴无弹有柱脚长1.0(7025 1U)

PAR	TYPEC-312DSS-ACP16	
DWN		
CHKD		
APVD		
SCALE1:1	UNIT:MM	
SIZE:A4	SHEET:1F1	REV:A

Unikeyic Electronics

Global Electronic Components Distributor

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XUNPU:

FPC-0.5AL-6PB FPC-0.5AX-24PWCR-H20 FPC-0.5FX-20PWBH15 FPC-0.5FX-4PWCR-H20 FPC-1.0AX-14PWCR-H25 WAFER-GH1.25-6PLB FPC-0.5AS-5PWCR-H20 HDMI-212L RJ45-005-014-11 SMA-KWE-323C-H13X23-LW WAFER-XH2.54-4PWZ-H62 MU-103-ARW64 WAFER-PH2.0-2PJK WAFER-PH2.0-3PWB WAFER-VH3.96-4PLB FPC-1.0HF-4PWAR-H20 DC-031A-A100 FPC-0.5FX-16PWCR-H20 FPC-0.5FX-4PWBH15 FPC-0.5AX-30PWCR-H20 FPC-0.5HF-10PWBR-H20 PHB2.0-02-20PZZ WAFER-WBM4.2-16PJK-GB FPC-1.0AX-4PWCR-H25 TYPEC-304YDSW-ACP16 WAFER-MX1.25B-8PWB WAFER-PH2.0-11PZZ FPC-0.5FX-14PWCR-H20 WAFER-PH2.0-6PWB WAFER-PH2.0-8PLB