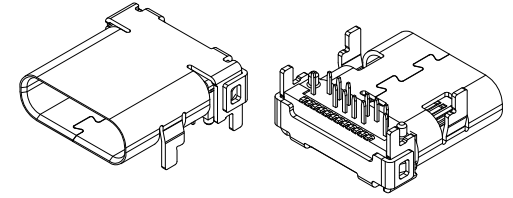
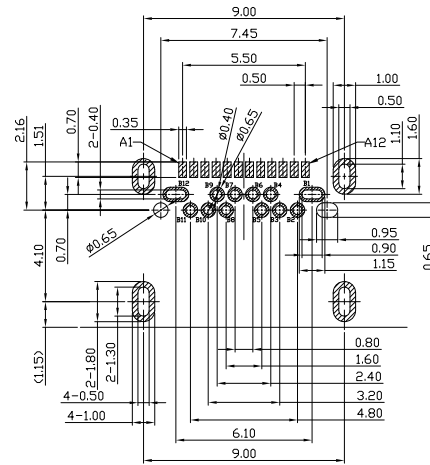
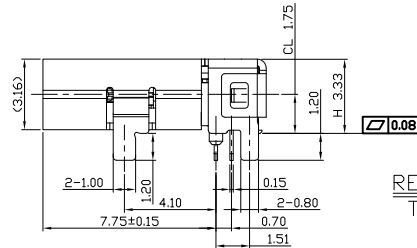
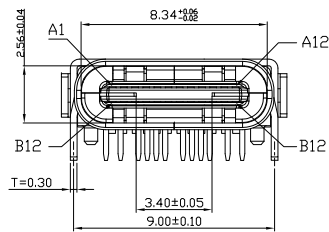
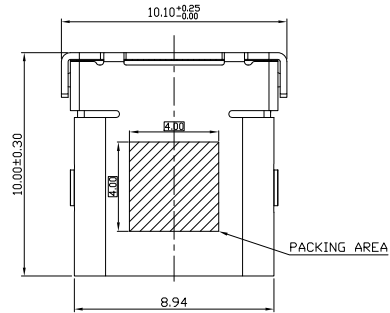




RoHS
Compliant
2002/95/EC

REV.	ECN.	NO.	APPD.



USB TYPE-C FULL-FEATURED RECEPTACLE INTERFACE PIN ASSIGNMENTS

PIN	Signal Name	Description	PIN	Signal Name	Description
A1	GND	Ground return	B12	GND	Ground return
A2	SSTXp1	Positive half of first SuperSpeed TX differential pair	B11	SSRXp1	Positive half of first SuperSpeed RX differential pair
A3	SSTXn1	Negative half of first SuperSpeed TX differential pair	B10	SSRXn1	Negative half of first SuperSpeed RX differential pair
A4	VBUS	Bus Power	B9	VBUS	Bus Power
A5	CC1	Configuration Channel	B8	SBUS2	Sideband Use (SBU)
A6	Dp1	Positive half of the USB 2.0 differential pair-Position 1	B7	Dn2	Negative half of the USB 2.0 differential pair-Position 2
A7	Dn1	Negative half of the USB 2.0 differential pair-Position 1	B6	Dp2	Positive half of the USB 2.0 differential pair-Position 2
A8	SBUS1	Sideband Use(SBU)	B5	CC2	Configuration Channel
A9	VBUS	Bus Power	B4	VBUS	Bus Power
A10	SSRXn2	Negative half of second SuperSpeed RX differential pair	B3	SSTXn2	Negative half of second SuperSpeed TX differential pair
A11	SSRXp2	Positive half of second SuperSpeed RX differential pair	B2	SSTXp2	Positive half of second SuperSpeed TX differential pair
A12	GND	Ground return	B1	GND	Ground return

RECOMMEND P.C.B LAYOUT (COMPONENT SIDE)
TOLERANCE FOR PCB LAYOUT IS ± 0.05
KEEP OUT AREA

NOTES:

1.ELECTRICAL CHARACTERISTICS:

- CURRENT RATING: 5A FOR VBUS; 1.25A FOR GND PIN; 0.25A FOR OTHER PIN.
- INSULATION RESISTANCE: 100MΩ Min
- CONTACT RESISTANCE: 40mΩ Max.
- WITHSTANDING VOLTAGE: 100V AC R.M.S.
- OPERATING TEMPERATURE: -55°C ~ 85°C

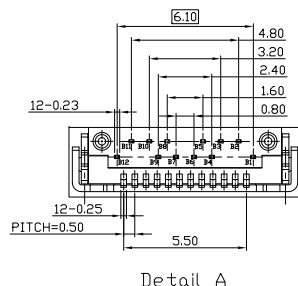
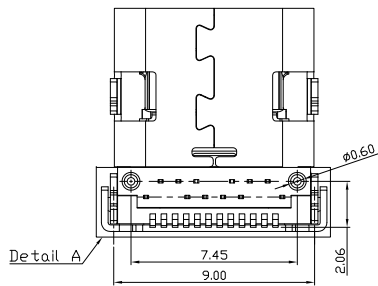
2.MECHANICAL CHARACTERISTICS:

- MATING FORCE: 5N~20N
- UNMATED FORCE: 8N~20N AFTER TEST
- DURABILITY: 10,000 CYCLES

3.DIMENSIONS MARKED "▼"
TO BE CHECKED BY Q.C & IPQC.

USCF-241N-4BVF19

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



Bill of materials:

NO	PARTS	MATERIAL	QTY	FINISHING	X.	±0.50	X.*	±3'	UNITS	mm	雅安科技有限公司 ACCURATE INNOTECH INC.			
4	SHIELD	STAINLESS STEEL	1		.X	±0.38	.X*		MAT'L		TITLE:	USB 3.1 CF 板上 CL1.75 H3.33mm L10.00mm DIP焊脚长度1.20mm		
3	SHELL	STAINLESS STEEL	1	PLATED NICKEL	.XX	±0.25	.XX*		SEE NOTE		PART NO.:	USCF-24XN-4BVF19		
2	CONTACT	COPPER ALLOY	24	PLATED GOLD/TIN	.XXX	±0.10	.XXX*		SEE NOTE		DR:	Ricky 2019/10/28		
1	MOLDING	LCP+30%GF	1	UL94V-0					FINISH		DWG NO.:	AII-VF19		
									Q'TY		SCALE	SHEET	REV.	CUSTOMER
											1:1	1/1	B	DRAWING

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