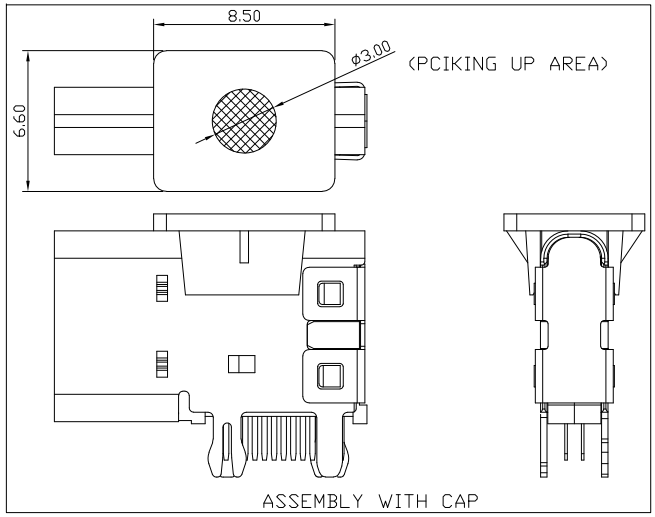
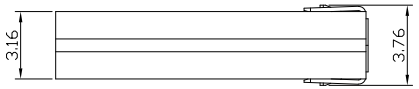
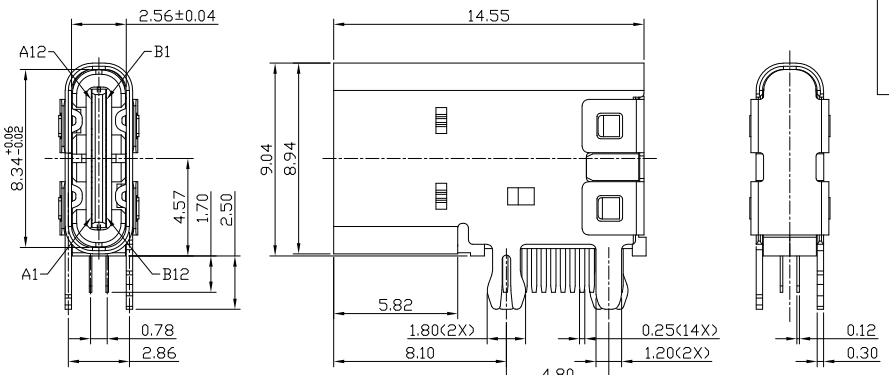
RoHS Compliant 2002/95/EC

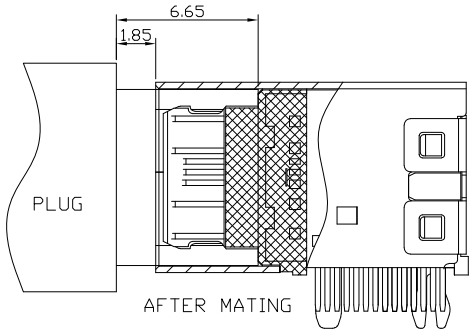
Process Capable

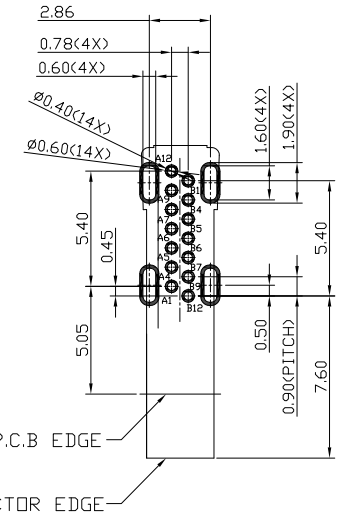
REV.	ECN. NO.	APPD.



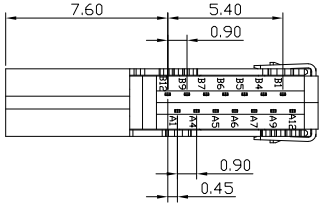








RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 1.6±0.10MM;DEFAULT TOLERANCE:±0.05



USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1		
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
		B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

NOTES:
1.ELECTRICAL:
1)CURRENT RATING: 5 AMPS. FOR TOTAL VBUS/GND PINS;
1.25 AMPS FOR CC PIN, 0.25 AMPS. FOR ALL OTHER CONTACT.
VOLTAGE RATING: 5 V DC/AC (RMS. max)
2)INSULATION RESISTANCE: 100MΩ MIN;
3)CONTACT RESISTANCE:
LLCR: VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
4)WITHSTANDING VOLTAGE: 100V AC FOR 1 MINUTE.
5)OPERATING TEMPERATURE: -25°C TO +85°C.
2.MECHANICAL:
1)MATING FORCE: 5N~20N
2)UNMATING FORCE: 8N~20N
3)DURABILITY: 10,000 CYCLES
3.DIMENSIONS MARKED "▼" TO BE CHECKED BY Q.C & IPQC.
4.PART NO.

USCF-142N-3BCS20
- W:WHITE B:BLACK
- 1:Au 1U" 2:Au 3U" 5:Au 15U" 6:Au 30U"
- 1:PBT 2:PA6T 3:PA9T 4:LCP

NO	PARTS	MATERIAL	QTY	FINISHING
6				
5	COVER	STAINLESS STEEL	1	
4	FRONT SHELL	STAINLESS STEEL	1	PLATED NICKEL
3	MID PLATE	STAINLESS STEEL	1	
2	TERMINAL	COPPER ALLOY	14	PLATED GOLD/NICKEL
1	HOUSING	PA9T+30%GF	1	UL94V-0

TOLERANCES		ANGLES	
.X	±0.30	X.°	±10°
.XX	±0.20	.X°	±8°
.XXX	±0.10	.XX°	±5°

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UNITS mm
MAT'L SEE NOTE
FINISH SEE NOTE
Q'TY

雅安科技有限公司
ACCURATE INNOTECH INC.

TITLE: USB CF 14PIN 侧插式
PART NO.: USCF-14XN-3BCS20
DR: Ricky 2025/01/02
DWG NO.: AII-CS20
CHKD: Ricky 2025/01/02
APPD:

SCALE	SHEET	REV.	CUSTOMER DRAWING
5:1	1/1	B	