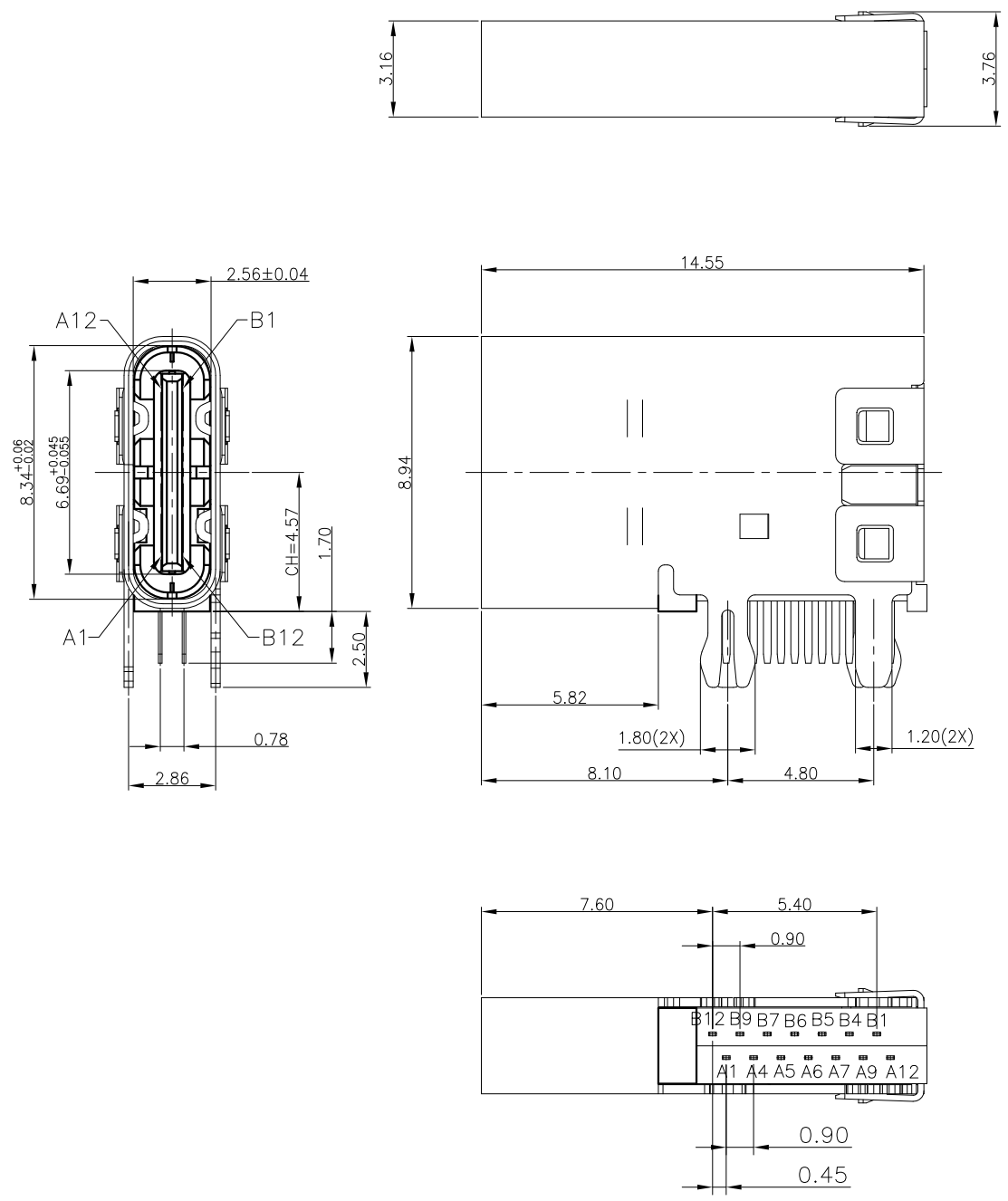




REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PROPOSE ONLY	ERIC	2017.03.12

A
B
C
D



NOTE:
 1.MATERIAL SPECIFICATION:
 1.HOUSING:LCP,UL94 V-0.
 2.CONTACTS: COPPER ALLOY(C1814)
 3.MID PLATE: STAINLESS STEEL(SUS301)
 4.FRONT SHELL: STAINLESS STEEL(SUS304)
 5.EMI PLATE: STAINLESS STEEL(SUS304)
 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&EMI 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:5.0A
 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.

5	MID PLATE	1 PCS	STAINLESS STEEL	Ni 30u" MIN. UNDER PLATED OVER ALL.
4	CONTACT B	1 SET	COPPER ALLOY	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
3	CONTACT A	1 SET	COPPER ALLOY	
2	HOUSING	1 PCS	LCP	COLOR: BLACK
1	SHELL	1 PCS	STAINLESS STEEL	Ni 30u" MIN. UNDER PLATED OVER ALL.
NO.	DESCRIPTION	QTY.	MATERIAL	FINISH

UNLESS OTHERWISE SPECIFIED TOLERANCES

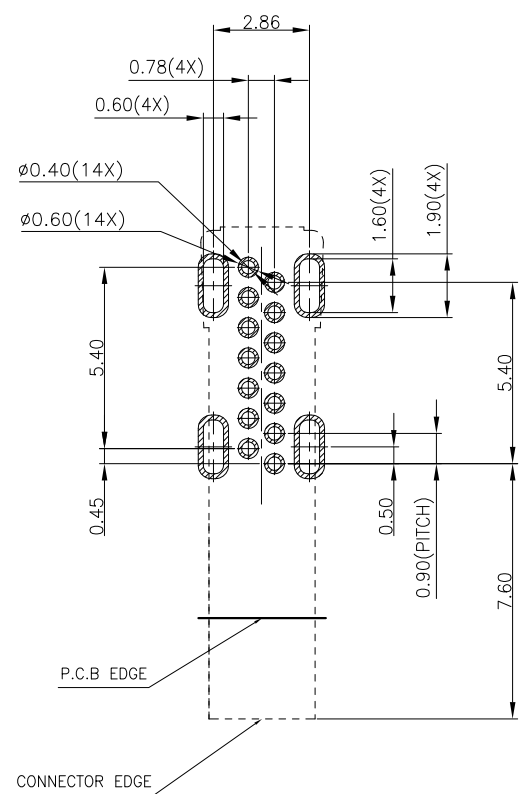
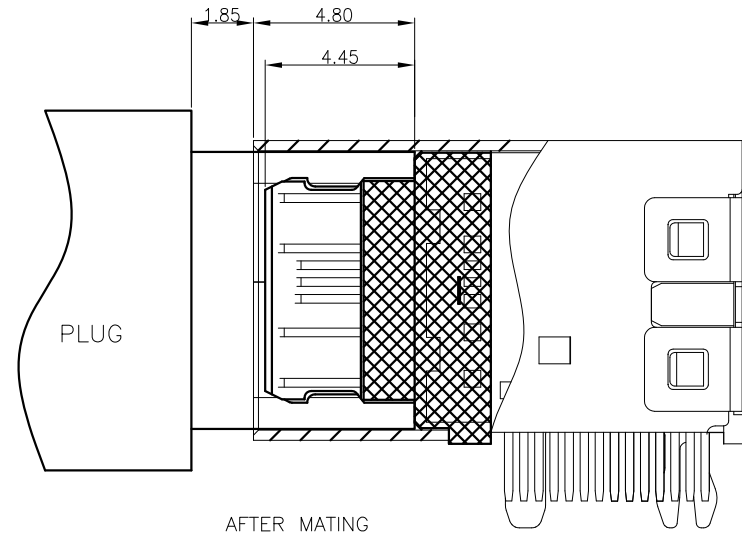
TACLEX ELECTRONICS CO., LTD.

DECIMALS:	ANGLES:	TITLE	Type.C 14PIN DIP CONN. RECPTACLE		
X :±0.5	X :±2°	DWN	Johnie	PART NO. TUC-900114-15G	
X.X :±0.30	X.X :±1°	CHKD	Kevin.d	SCALE:1:1	UNIT: mm
X.XX :±0.20		APVD	Simon.Mo	SIZE: A4	SHEET:1OF1
X.XXX :±0.10					REV: A

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REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PROPOSE ONLY	ERIC	2017.03.12



- A12 ⊕ B1
- A9 ⊕ B4
- A7 ⊕ B5
- A6 ⊕ B6
- A5 ⊕ B7
- A4 ⊕ B9
- A1 ⊕ B12

USB TYPE-C PIN ASSIGNMENTS

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

RECOMMENDED PCB LAYOUT (THICKNESS: 0.80MM)
PWB TOLERANCE: ±0.05

TABLE 1

ITEM	P/N	HOUSING COLOR	FUNCTIONAL AREA	SOLDER AREA
1		BLACK	Au:3u"	Au:G/F

UNLESS OTHERWISE SPECIFIED TOLERANCES

DECIMALS:	ANGLES:
X : ±0.5	X : ±2°
X.X : ±0.30	X.X : ±1°
X.XX : ±0.20	
X.XXX : ±0.10	



TITLE	Type.C 14PIN DIP CONN. RECPTACLE			
DWN	Johnie	PART NO.	TUC-900114-15G	
CHKD	Kevin.d	SCALE:1:1	UNIT: mm	
APVD	Simon.Mo	SIZE: A4	SHEET:1OF1	REV: A

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