

REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PROPOSE ONLY	ERIC	2017.03.13

NOTE:

1.MATERIAL:

1.1 INSULATOR: HIGH TEMPERATURE PLASTIC UL 94 V-0;

1.2 CONTACT: COPPER ALLOY(T=0.12mm)

1.3 SHELL:STAINLESS STEEL(T=0.30mm)

2.ELECTRICAL CHARACTERISTICS:

2.1 CONTACT RESISTANCE: 40mΩ Max FOR INITIAL. 10mΩ CHANGE AFTER TEST. MEASURE AT 20mV, 100mA.

2.2 CONTACT CURRENT RATING: 3A FOR VBUS PIN; 1.25A FOR VCONN PIN.

2.3 DIELECTRIC WITHSTANDING VOLTAGE: 100V AC R.M.S.

2.4 INSULATION RESISTANCE 100MΩ Min

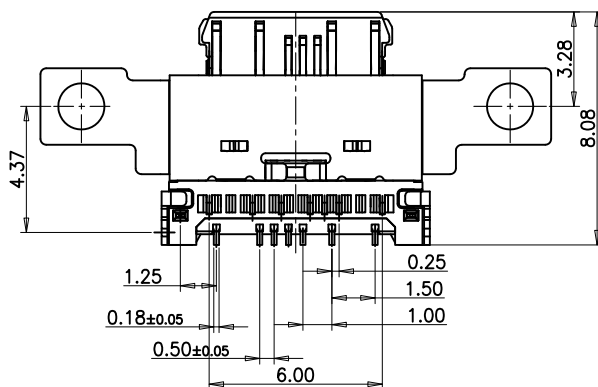
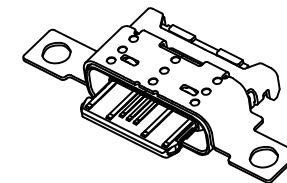
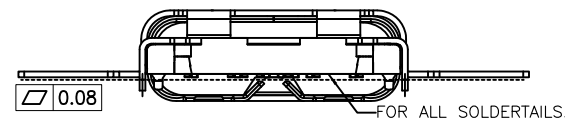
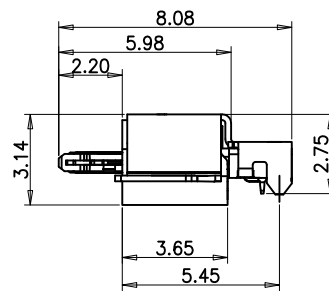
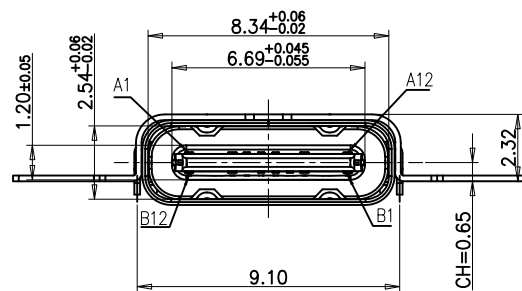
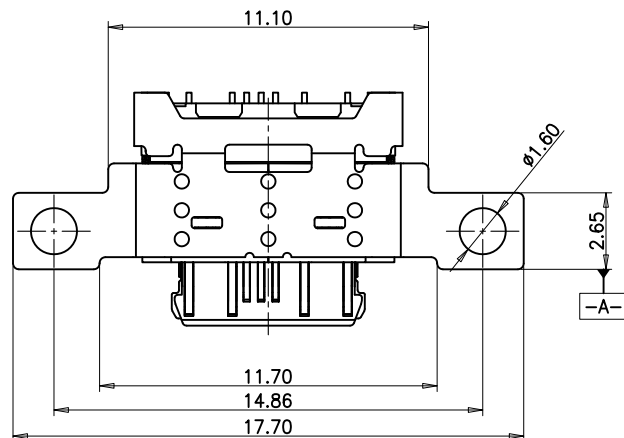
2.5 OPERATING TEMPERATURE: -40°C ~ 85°C

3 MECHANICAL CHARACTERISTICS:

3.1 MATING FORCE: 5~20 N.

3.2 UNMATED FORCE: 8~20N AFTER TEST

3.3 DURABILITY: 5000 CYCLES



5	SHELL-1	STAINLESS STEEL	AFTER STAMPING CLEANED,NO PLATED	1
4	METAL PLATE	STAINLESS STEEL	AFTER STAMPING CLEANED,NO PLATED	1
3	SHELL-2	STAINLESS STEEL	0.75~2.5 MICRON (30~100u") NICKEL PLATING	
2	TERMINAL	COPPER ALLOY	0.75 MICRON(30u")MIN GOLD PLATING ON CONTACT AREA, 0.025~0.075 MICRON(1~3u") MIN ON SOLDERTAIL AREA, 1.25~3.75 MICRON(50~150u")NICKEL UNDERPLATING	1 14
1	HOUSING	THERMOPLASTIC	THERMOPLASTIC UL 94V-0 BALCK,NO RECYCLED RESIN	1
ITEM	DESCRIPTION	MATERIAL	FINISHED	Q'TY

UNLESS OTHERWISE
SPECIFIED TOLERANCES

DECIMALS:

X :±0.5

X.X :±0.30

X.XX :±0.20

X.XXX :±0.10

ANGLES:

X :±2°

X.X :±1°



TACLEX ELECTRONICS CO., LTD.

(type.C) 14PIN RECPTACLE Conn Asm.
low PCB 0.8mm

DWN Johnie PART NO. TUC-230214-30G

CHKD Kevin.d SCALE:1:1 UNIT: mm

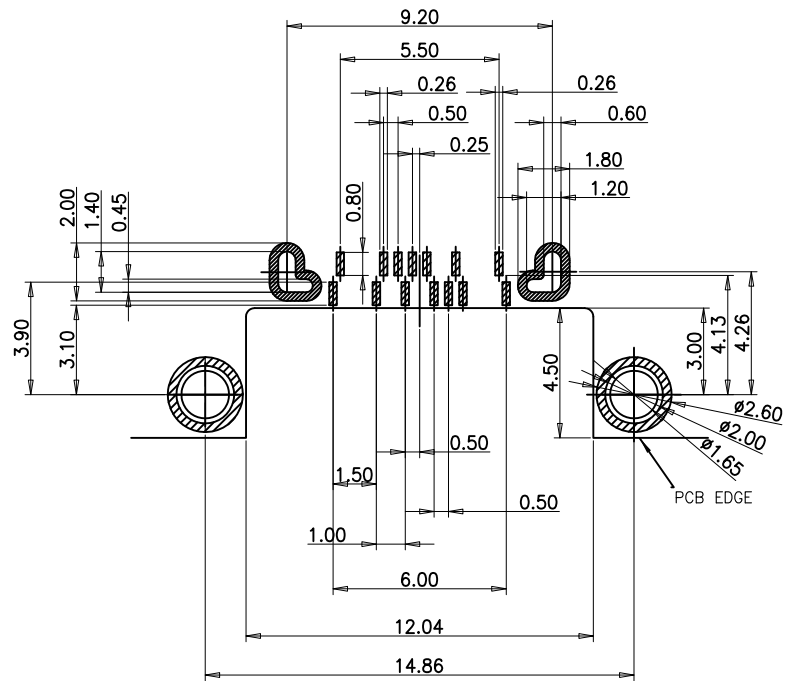
APVD Simon.Mo SIZE: A4 SHEET:10F1

REV: A

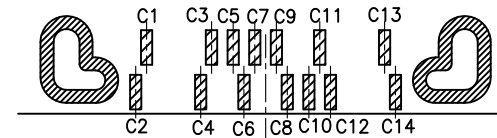
CUSTOMER COPY



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RECOMMENDED PCB PAD LAYOUT
TOLERANCE:0.05mm



PIN ASSIGNMENT

PCB No.	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14
PIN No.	A1	B12	A4	B9	A5	B7	A6	B6	A7	B5	A9	B4	A12	B1
	GND	GND	VBUS	VBUS	CC1	D-	D+	D+	D-	CC2	VBUS	VBUS	GND	GND

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	



TACLEX ELECTRONICS CO., LTD.

TITLE	(type.C) 14PIN RECPTACLE Conn Asm. low PCB 0.8mm			
DWN	Johnie	PART NO.	TUC - 230214 - 30G	
CHKD	Kevin.d	SCALE:1:1	UNIT: mm	
APVD	Simon.Mo	SIZE: A4	SHEET:10F1	REV: A
CUSTOMER COPY				

CUSTOMER COPY