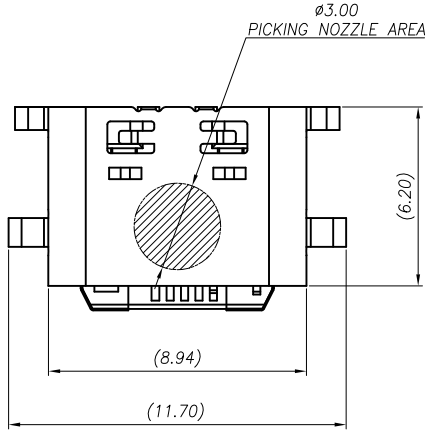
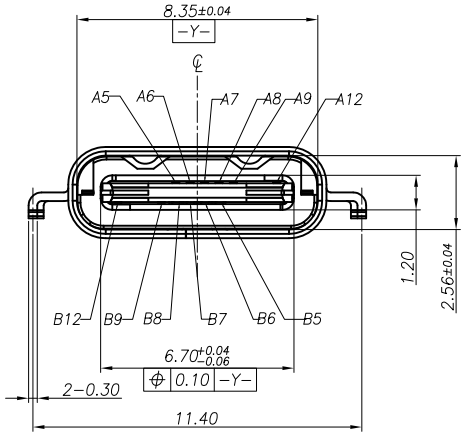
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PROPOSE ONLY	ERIC	2016.03.13

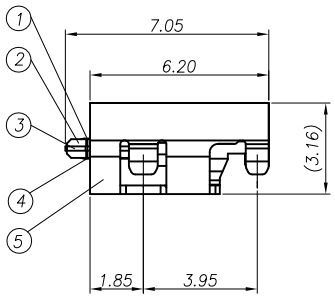


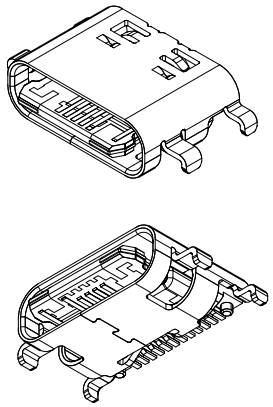
NOTES:
1. SPECIFICATIONS:
 1.1 CURRENT RATING:
  TOTALLY 3A MAX FOR PIN A12 AND B12;
  TOTALLY 3A MAX FOR PIN A9 AND B9;
  0.25A MAX PER PIN FOR OTHER PINS.
 1.2 VOLTAGE:
  30V AC RMS/DC
 1.3 CONTACT RESISTANCE:
  40mΩ MAX INITIAL
 1.4 DIELECTRIC WITHSTANDING VOLTAGE:
  100V AC RMS
 1.5 INSULATION RESISTANCE:
100MΩ MIN.
 1.6 MECHANICAL:
  MATING FORCE 25N MAX
  UNMATING FORCE 8N MIN
 1.7 DURABILITY: 10000CYCLES
 1.8 OPERATING TEMPERATURE RANGE:
  −40 °C ~ 85 °C
2 PART MUST COMPLY WITH ROHS SPECIFICATION.

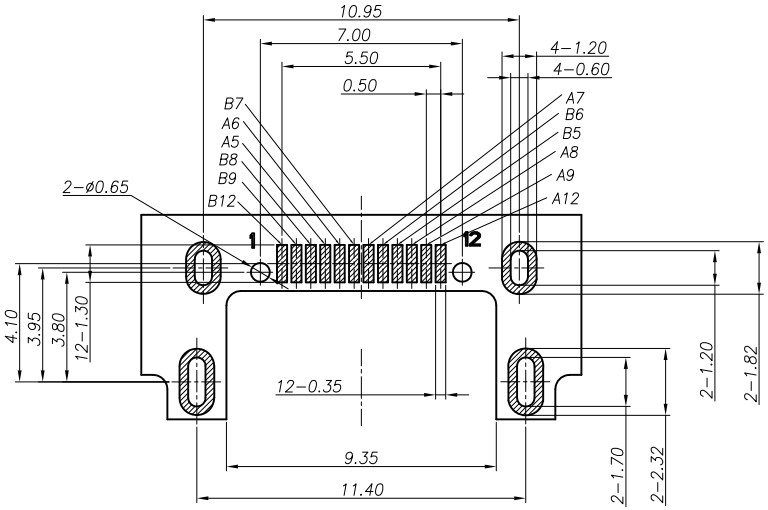
PIN ASSIGNMENTS

PIN	A5	A6	A7	A8	A9	A12
Signal Name	CC1	Dp1	Dn1	SBU1	V_{BUS}	GND
PIN	B12	B9	B8	B7	B6	B5
Signal Name	GND	V_{BUS}	SBU2	Dn2	Dp2	CC2



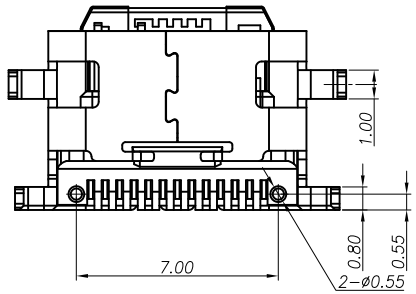


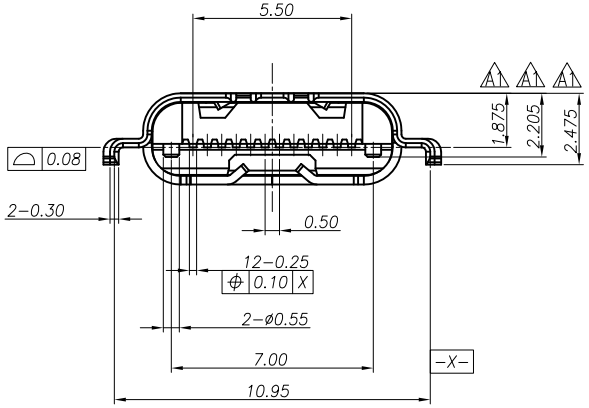




RECOMMENDED PCB PAD LAYOUT

TOLERANCE:0.05mm





5	SHELL	1PCS	STAINLESS STEEL	80u" MIN SOLDERABLE NICKEL
4	BOTTOM CONTACT	1SET	COPPER ALLOY	GOLD 15U" PLATED ON CONTACT AREA AND GOLD FLASH ON SOLDER TAILS OVER 80u" NICKEL UNDERPLATING OVERALL
3	MID−PLATE	1PCS	STAINLESS STEEL	NO PLATING
2	HOUSING	1PCS	THERMOPLASTIC	BLACK COLOR, UL94 V−0
1	UPPER CONTACT	1SET	COPPER ALLOY	GOLD 15U" PLATED ON CONTACT AREA AND GOLD FLASH ON SOLDER TAILS OVER 80u" NICKEL UNDERPLATING OVERALL
ITEM	PART NAME	Q'TY	MATERIAL	FINISH

UNLESS OTHERWISE SPECIFED TOLERANCES

DECIMALS: ANGLES:

X :±0.5 X :±2°

X.X :±0.20 X.X :±1°

X.XX :±0.10

TACLEX ELECTRONICS CO., LTD.

TITLE	(type.C) 12PIN RECPTACLE Conn Asm. low PCB 4DIP TYPE shell L=6.2MM		
DWN	Johnie	PART NO. TUC−190212−21G	
CHKD	Kevin.d	SCALE:1:1	UNIT: mm
APVD	Simon.Mo	SIZE: A4	SHEET:1OF1 REV: A

CUSTOMER COPY