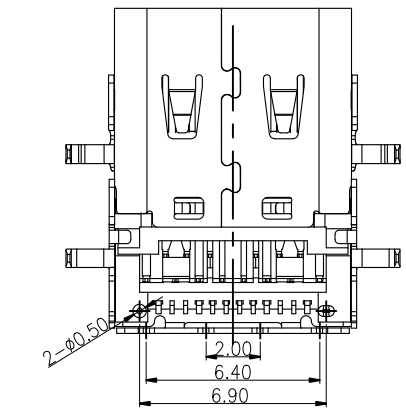
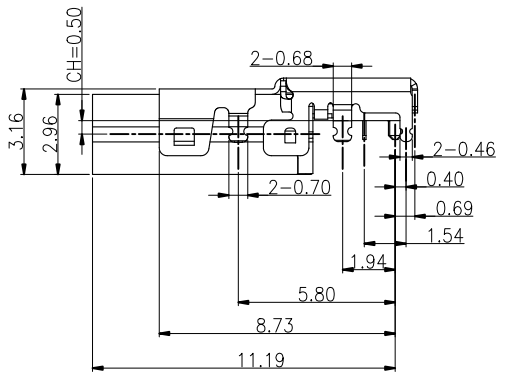
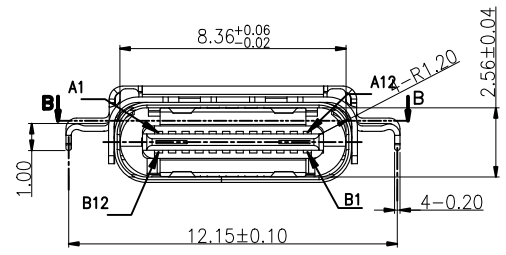
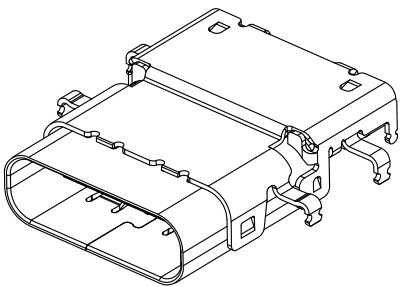
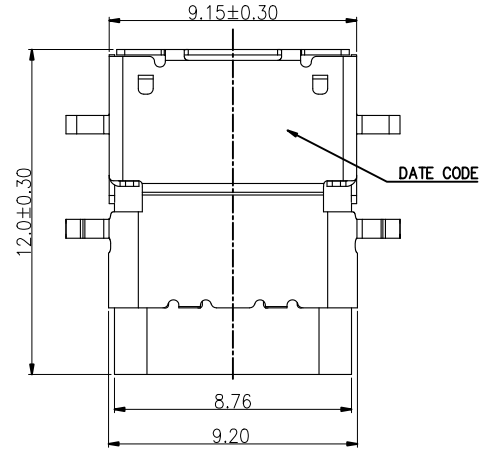


PROPRIETARY INFORMATION
COMPANY CONFIDENTIAL

REV.	ECN. NO.	DESCRIPTION	ENG	DATE
A		INITIAL	Knight	2/15/16'
B		UPDATE DRAWING	Knight	3/02/16'

NOTES:

- CURRENT RATING:
POWER PINS COLLECTIVELY(PIN A1,A4,A9,A12,B1,B4,B9,B12): 5A
Vconn PIN(B5): 1.25A
SIGNAL PINS(OTHER) : 0.25A
- DIELECTRIC WITHSTANDING VOLTAGE:100V AC FOR ONE MINUTE.
- INSULATION RESISTANCE:100MΩ MIN. MEASURED BY 100 VDC.
- CONTACT RESISTANCE: 40mΩ (MAX) INITIAL FOR VBUS, GND AND ALL OTHER CONTACTS.MAXIMUM CHANGE(ΔTLA) OF+10mΩ AFTER ENVIRONMENTAL STRESSES.
- INSERTION FORCE: 5N~20N
- EXTRACTION FORCE: 8N~20N
- DURABILITY TEST: 10,000 CYCLES.
- SOLDERING HEAT RESISTANCE REFLOW SOLDERING 260 C.



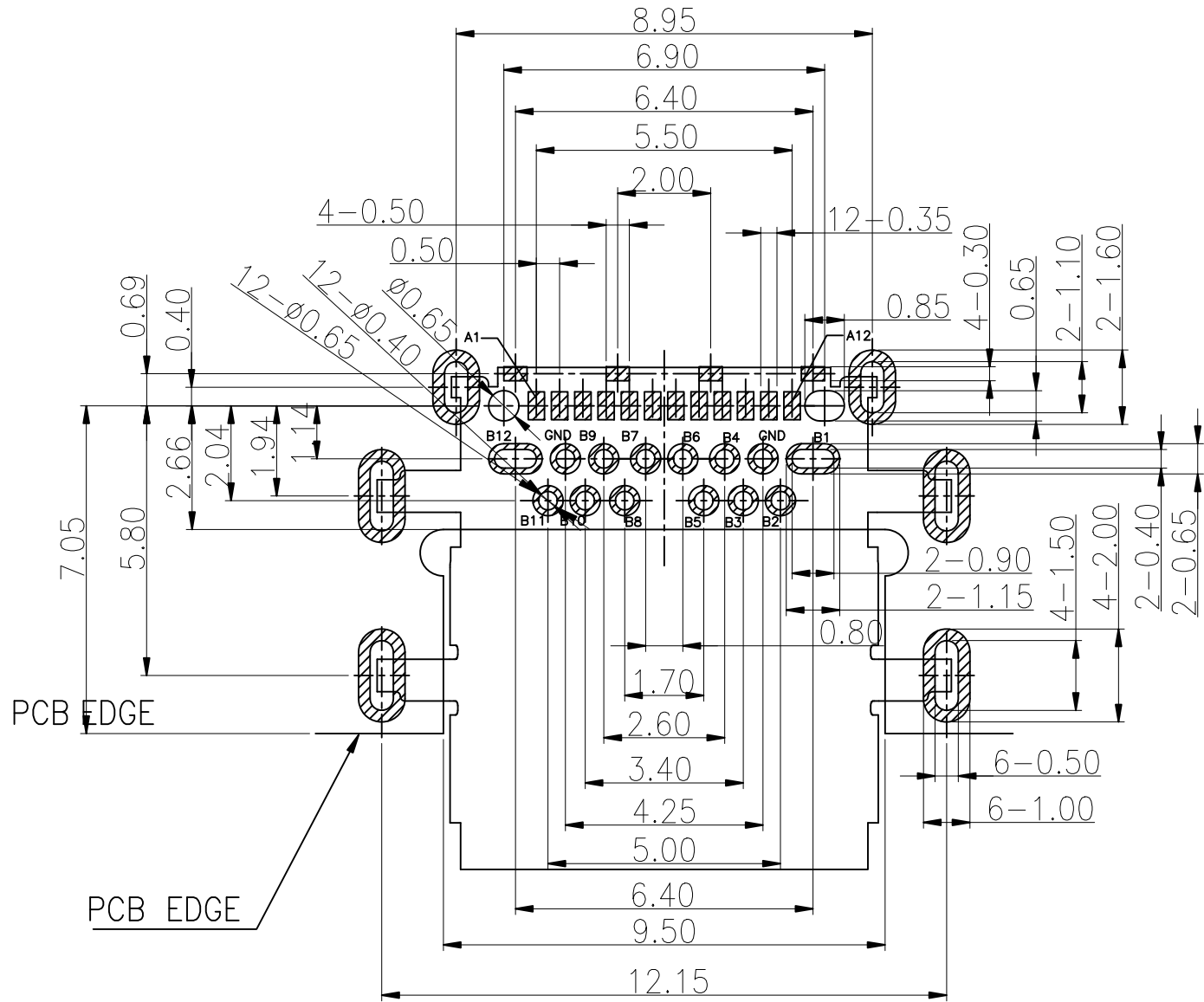
Pin	Signal Name	Mating Sequence	Pin	Signal Name	Mating Sequence
A1	GND	First	B12	GND	First
A2	SSTXp1	Second	B11	SSRXp1	Second
A3	SSTXn1	Second	B10	SSRXn1	Second
A4	Vbus	First	B9	Vbus	First
A5	CC1	Second	B8	SBU2	Second
A6	Dp1	Second	B7	Dn2	Second
A7	Dn1	Second	B6	Dp2	Second
A8	SBU1	Second	B5	CC2	Second
A9	VBUS	First	B4	VBUS	First
A10	SSRXn2	Second	B3	SSTXn2	Second
A11	SSRXp2	Second	B2	SSTXp2	Second
A12	GND	First	B1	GND	First
SHELL		GND	SHELL		GND

ITEM	NAME	Q'TY	DESCRIPTION	NOTE
5	EMI	1	SUS	
4	MIDDLE GND	1	BRASS,NICKEL 50u" MIN PLATING OVERALL	
3	SHELL	1	SUS, NICKEL 50u" MIN PLATING OVERALL	
2	CONTACT	24	NICKEL COPPER,GOLD FLASH PLATING ON CONTACT AREA,MATTE TIN 50u" MIN PLATING SOLDER AREA,NICKEL 50u" MIN UNDER PLATING OVERALL	
1	HOUSING	1	LCP+15%G.F,PANTONE PROCESS BLACK,UL94V-0	

GENERAL TOLERANCE X±0.50 .X±0.38 .XX±0.25 .XXX±0.15	ANGLE TOLERANCE X°±5.0° .X°±3.0° .XX°±2.0° .XXX°±1.0°	DRAWN <i>hughe</i>	DATE 3/02/16'	 TITLE: USB 3.1 Type-C FEMALE CH=0.50MM HYBRID TYPE PART NUMBER: 210-10013-01 DRAWING NO. 210-10013 SIZE A4 REV. B
MATL SEE BOM	FINISH SEE NOTES	CHECKED	DATE	
SCALE N/A	UNIT mm	APPROVED <i>River</i>	DATE 3/02/16'	
SHEET 1 OF 1				

PROPRIETARY INFORMATION
COMPANY CONFIDENTIAL

REV.	ECN. NO.	DESCRIPTION	ENG	DATE
A		INITIAL	Knight	2/15/16'
B		UPDATE DRAWING	Knight	3/02/16'



RECOMMENDED PADS LAYOUT
<TOP VIEW>

GENERAL TOLERANCE X ± 0.50 .X ± 0.38 .XX ± 0.25 .XXX ± 0.15	ANGLE TOLERANCE X° ± 5.0° .X° ± 3.0° .XX° ± 2.0° .XXX° ± 1.0°	DRAWN <i>knighe</i>	DATE 3/02/16'	 GENESIS TECHNOLOGY, INC. TITLE: USB 3.1 Type-C FEMALE CH=0.50MM HYBRID TYPE PART NUMBER: 210-10013-01 DRAWING NO. 210-10013 SIZE A4 REV. B
MATL SEE BOM	FINISH SEE NOTES	CHECKED	DATE	
SCALE N/A	UNIT mm	APPROVED <i>River</i>	DATE 3/02/16'	
SHEET 1 OF 1				