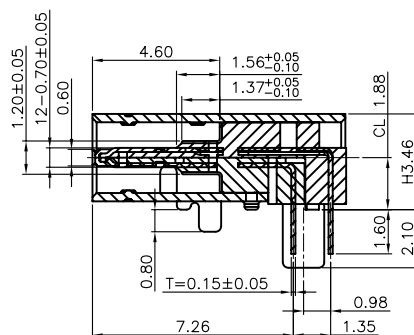
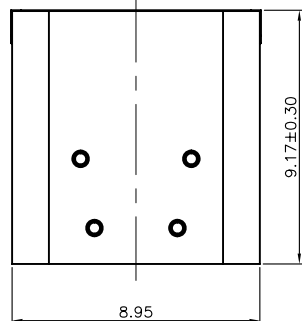
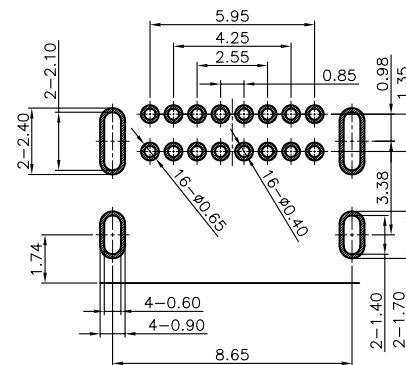


RoHS2.0&REACH Compliant

THE PART MEETS TECONN "GP001" COMPLIANCE



SECTION A-A



RECOMMEND P.C.B LAYOUT (COMPONENT SIDE)

TOLERANCE FOR PCB LAYOUT IS ±0.05
PAD AREA

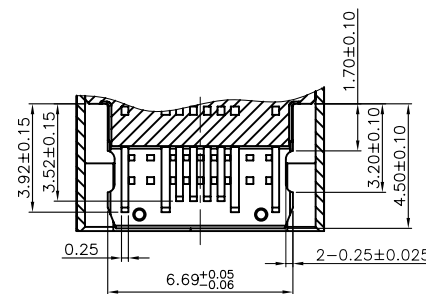
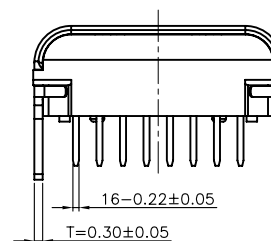
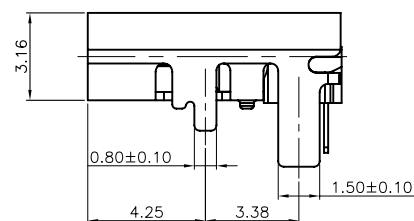
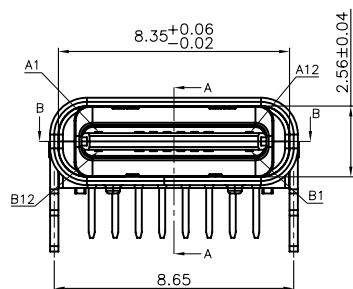
- NOTE:
1. MATERIAL:
 - 1.1 INSULATOR: HIGH TEMPERATURE PLASTIC UL 94 V-0; Black Color
 - 1.2 CONTACT: COPPER ALLOY (T=0.15mm)
 - 1.3 SHELL: STAINLESS STEEL (T=0.30mm)
 2. ELECTRICAL CHARACTERISTICS:
 - 2.1 CONTACT RESISTANCE: 40mΩ Max FOR INITIAL. 10mΩ CHANGE AFTER TEST. MEASURE AT 20mV, 100mA.
 - 2.2 CONTACT CURRENT RATING: 5A FOR COLLECTIVELY POWER SUPPLY PIN (PIN1, A4, A9, A12, B1, B4, B9, B12); 1.25A FOR V_{CC} PIN; 0.25A FOR OTHER SIGNAL 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: 6~20N AFTER TEST
 - 3.3 DURABILITY: 10,000 CYCLES
 4. PLATING:
 - 4.1 TERMINAL CONTACT: (SEE TAB) GOLD PLATING ON CONTACT AREA, ALL OVER 50u" Min, NICKEL AND 80u" Min Matte Tin ALL OVER 50u" Min NICKEL ON SOLDER AREA
 - 4.2 SHELL: 50u" Min. NICKEL ALL OVER,
 5. PART NUMBER:

W10 16 K1-A-XX-R

Pin NO:

Packing:
R: Reel

Plating:
01: Gold flash
05: Au 05u" 10: Au 10u"
15: Au 15u" 30: Au 30u"



SECTION B-B

Pin	Signal Name	Mating Sequence	Pin	Signal Name	Mating Sequence
A1	GND	First	B12	GND	First
A4	V _{BUS}	First	B9	V _{BUS}	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	V _{BUS}	First	B4	V _{BUS}	First
A12	GND	First	B1	GND	First
SHELL	GND		SHELL	GND	

X. ± 0.35	APPD:	Henry Sun		TITLE: USB 3.1 C TYPE FEMALE DIP TYPE		
.X ± 0.25	CHKD:					
.XX ± 0.15	DR:	Zhangjing		PART NO: W1016K1-A-XX-R	CUSTOMER DRAWING	SHEET: 10F2
.XXX ±						
X' ± 2"	UNITS: mm	SCALE: 1:1		DWG NO: C-W1016K1-A-XX-R	REV: A	
.X' ± 1.5"						

REV	ECN NO	DESCRIPTION	DATE
	TE2017-XXXX	New Drawing	2017/05/28