

RoHS2.0&REACH Compliant

THE PART MEETS TECONN "GP001" COMPLIANCE

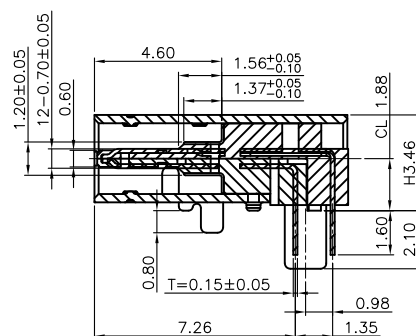
- NOTE:
- MATERIAL:
 - INSULATOR: HIGH TEMPERATURE PLASTIC UL 94 V-0; Black Color
 - CONTACT: COPPER ALLOY(T=0.15mm)
 - SHELL:STAINLESS STEEL(T=0.30mm)
 - ELECTRICAL CHARACTERISTICS:
 - CONTACT RESISTANCE: 40mΩ Max FOR INITIAL. 10mΩ CHANGE AFTER TEST. MEASURE AT 20mV, 100mA.
 - CONTACT CURRENT RATING: 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.
 - DIELECTRIC WITHSTANDING VOLTAGE: 100V AC R.M.S.
 - INSULATION RESISTANCE 100MQ Min
 - OPERATING TEMPERATURE: -40°C ~ 85°C
 - MECHANICAL CHARACTERISTICS:
 - MATING FORCE: 5~20 N.
 - UNMATED FORCE: 6~20N AFTER TEST
 - DURABILITY: 10,000 CYCLES
 - PLATING
 - 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
 - SHELL: 50u" Min. NICKEL ALL OVER,
 - PART NUMBER:

RECOMMEND P.C.B LAYOUT(COMPONENT SIDE)
TOLERANCE FOR PCB LAYOUT IS ±0.05
PAD AREA

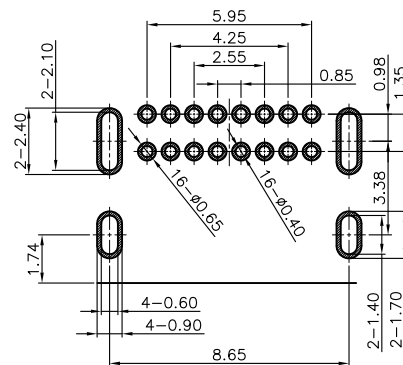
W10 16 K1-A-XX-R
Pin NO. Packing:
R: Reel
Plating:
01: Gold flash
05: Au 05u" 10: Au 10u"
15: Au 15u" 30: Au 30u"

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	DWG NO: C-W1016K1-A-XX-R		SHEET:10F1 REV: A
.XXX±					
X' ± 2"	UNITS: mm	SCALE: 1:1	CUSTOMER DRAWING		
.X' ± 1.5"					



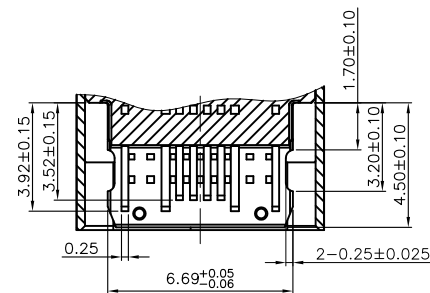
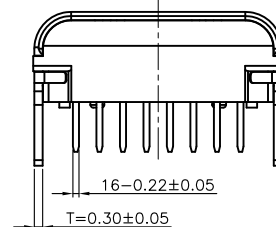
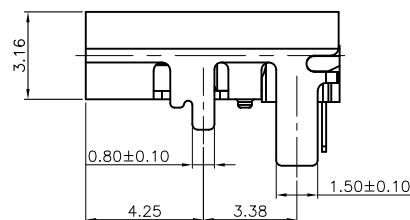
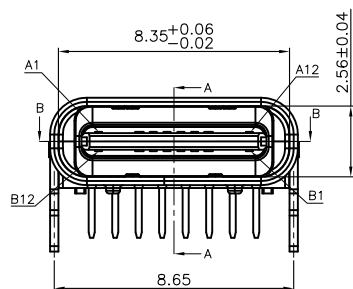
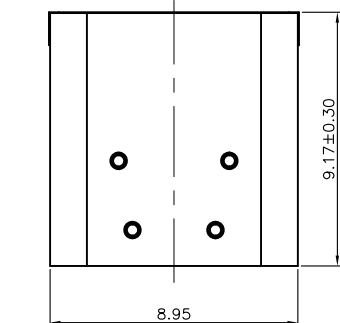
SECTION A-A



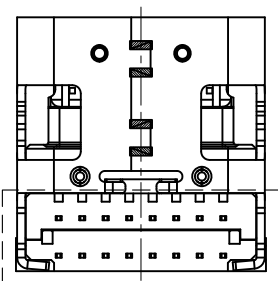
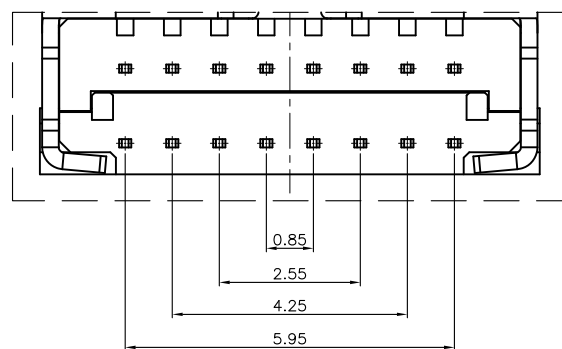
RECOMMEND P.C.B LAYOUT(COMPONENT SIDE)
TOLERANCE FOR PCB LAYOUT IS ±0.05
PAD AREA

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



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