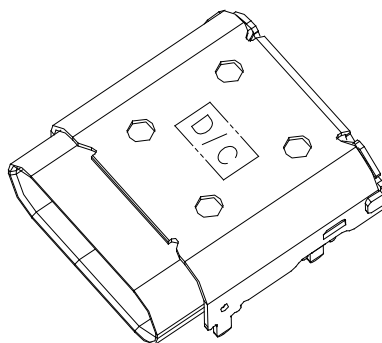
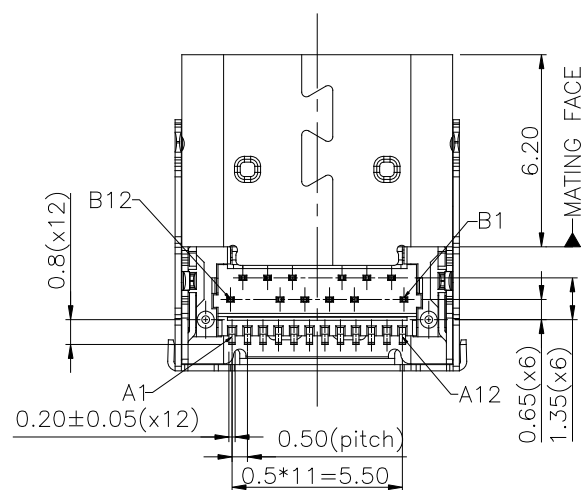
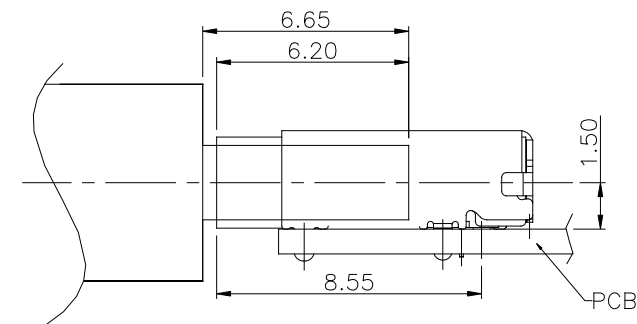
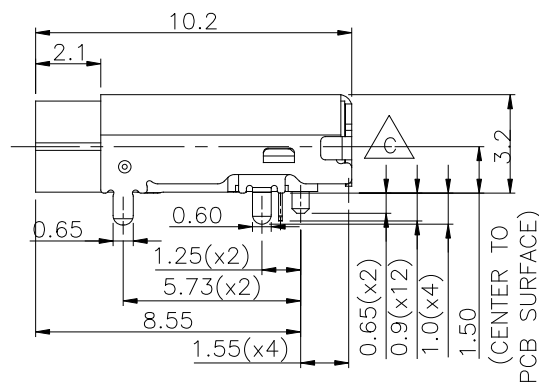
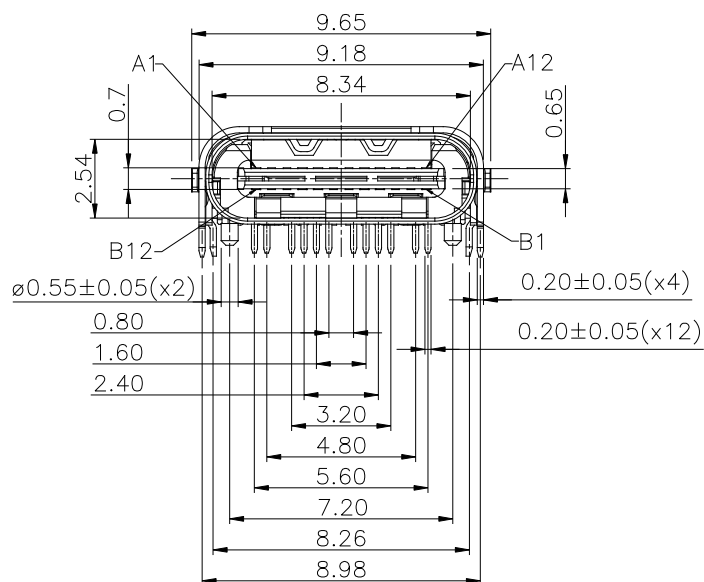


PRODUCT NUMBER

SEE PART NO. SCHEME



⑥	TOP CONTACT	1 SET	COPPER ALLOY	Ni UNDER PLATING. MATTE TIN PLATING ON SOLDER AREA. GOLD PLATING ON CONTACT AREA. (SEE P/N SCHEME)
⑤	BOTTOM CONTACT	1 SET	COPPER ALLOY	
④	SHIELDING PLATE	1 PCS	STAINLESS	Ni PLATING OVERALL.
③	HOUSING	1 PCS	THERMOPLASTIC	UL94V-0, BLACK
②	SHELL	1 PCS	STAINLESS	Ni PLATING OVERALL.
①	TOP SHELL	1 PCS	STAINLESS	Ni PLATING OVERALL.
ITEM	PART NAME	QTY	MATERIAL	REMARK
mat'l. code		surface	tolerance	projection
ltr		ecn no	dr	date
A		ELX-T-23633	TAI	2015-10-16
B		ELX-T-24658	TAI	2016-03-25
C		ELX-T-24658	TAI	2016-10-25
		dr	KENNY TAI	2015-09-21
		engr	KENNY TAI	2015-09-21
		chr	KENNY TAI	2015-09-21
		appd	PM ZHENG	2015-10-16
sheet	revision	C	C	
index	sheet	1	2	

product family USB

title USB 3.1 TYPE C RECEPTACLE SMT AND DIP TAILS

dwg no 10137061

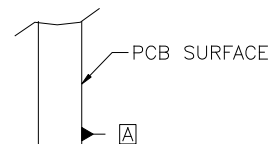
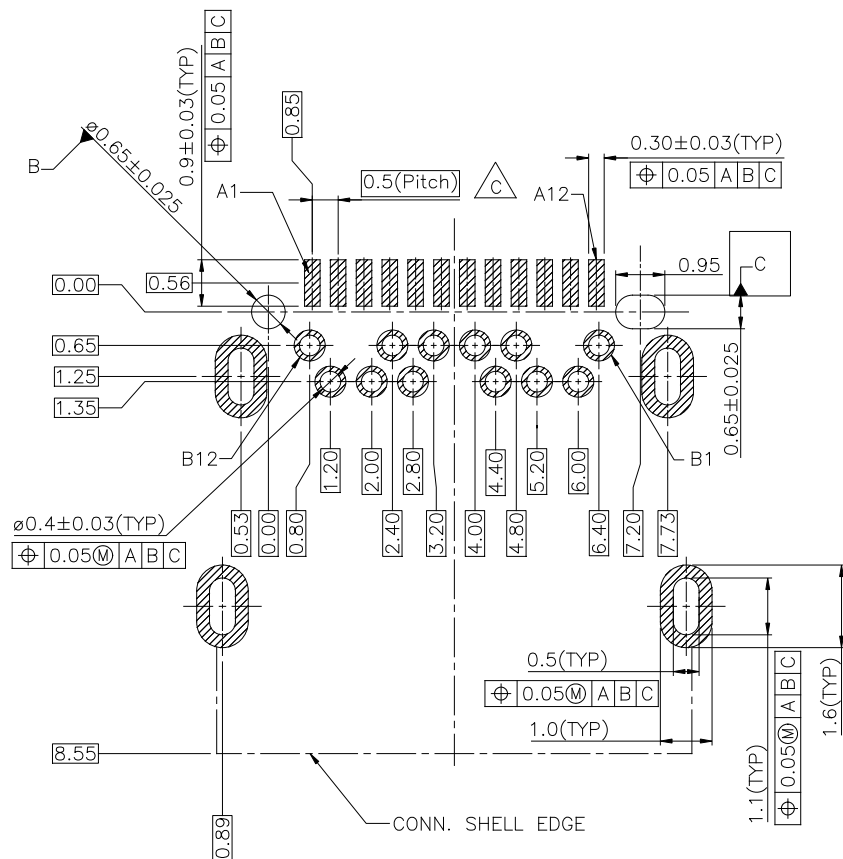
sheet 1 of 2

size A4

type Product Customer Drawing

PRODUCT NUMBER

SEE PART NO. SCHEME



PIN	SIGNAL NAME	PIN	SIGNAL NAME
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	GND

NOTES:

1. ELECTRICAL:

1-1. CONTACT CURRENT RATING:

5.0A FOR VBUS AND GND.

(i.e., Pins A4,A9,B4,B9)

1.25A FOR Vconn AND GND.

(i.e., Pins B5,A1,A12,B1,B12)

0.25A FOR ALL THE OTHERS CONTACTS.

1-2. INSULATION RESISTANCE:

100 MEGAOHMS MIN. AT 250VDC.

1-3. DIELECTRIC WITHSTANDING VOLTAGE:

100VAC MIN.

1-4. LOW LEVEL CONTACT RESISTANCE:

INITIAL: 40mΩ MAX.

AFTER ENVIRONMENTAL TEST: 50mΩ. MAX.

2. MECHANICAL CHARACTERISTICS:

2-1. INSERTION FORCE:

5N~20N.

2-2. EXTRACTION FORCE:

8N~20N FROM 1 TO 1000 CYCLES

6~20N FROM 1001 TO 10000 CYCLES.

2-3. DURABILITY:

10,000 MATING CYCLES.

2-4. OPERATING TEMPERATURE:

-55°C TO +85°C

3. CAPABLE TO 260°C REFLOW SOLDER FOR 10 SEC.

4. PRODUCT SPECIFICATION: GS-12-1336

5. PACKAGE SPECIFICATION: GS-14-2487

PART NUMBER SCHEME:

10137061-000 X X LF

CONTACT PLATING
1. GOLD FLASH
2. 30u" AuPACKAGING
1. TAPE AND REELRECOMMENDED PCB LAYOUT
TOLERANCE ±0.05

mat'l. code				surface	tolerance	projection	product family			
ltr	ecn no	dr	date	tolerances unless otherwise specified			USB			
				angles	X.X ±0.3	mm	title			
				X°±3'		scale	USB 3.1 TYPE C RECEPTACLE SMT AND DIP TAILS			
				dr	KENNY TAI	2015-09-21	dwg no		sheet 2 of 2	size
				engr	KENNY TAI	2015-09-21	10137061			A4
				chr	KENNY TAI	2015-09-21	type		Product Customer Drawing	
				appd	PM ZHENG	2015-10-16				
sheet index	revision sheet	C	C							
		1	2							