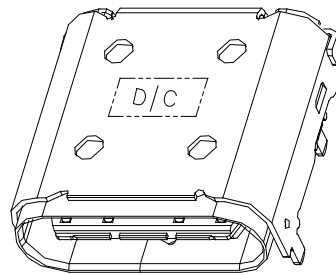
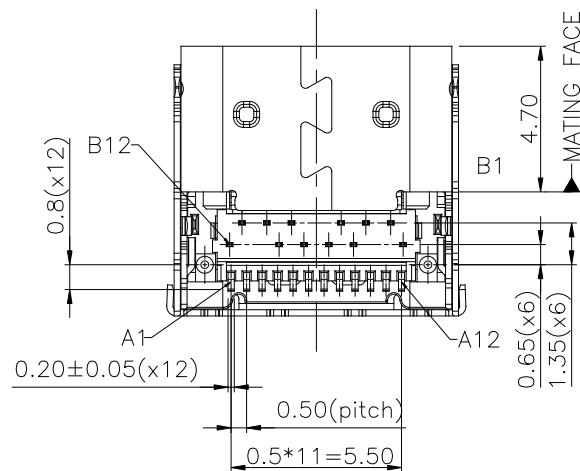
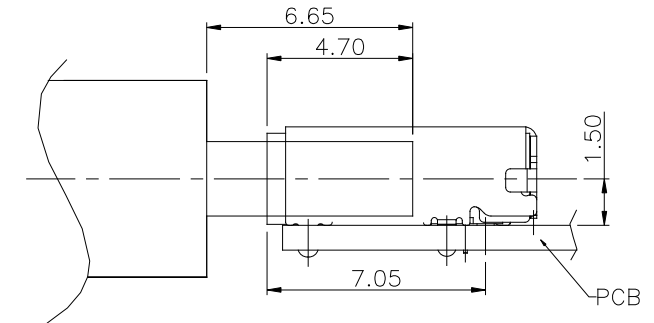
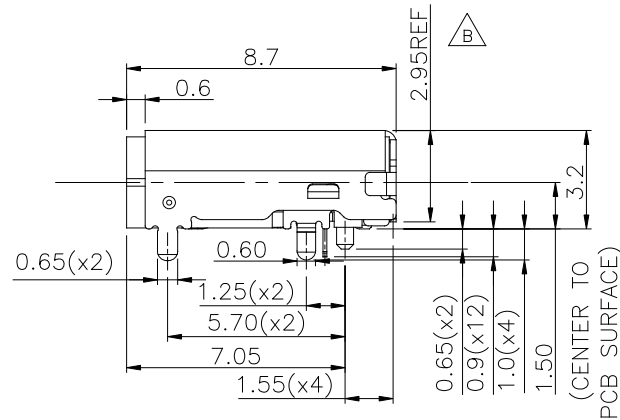
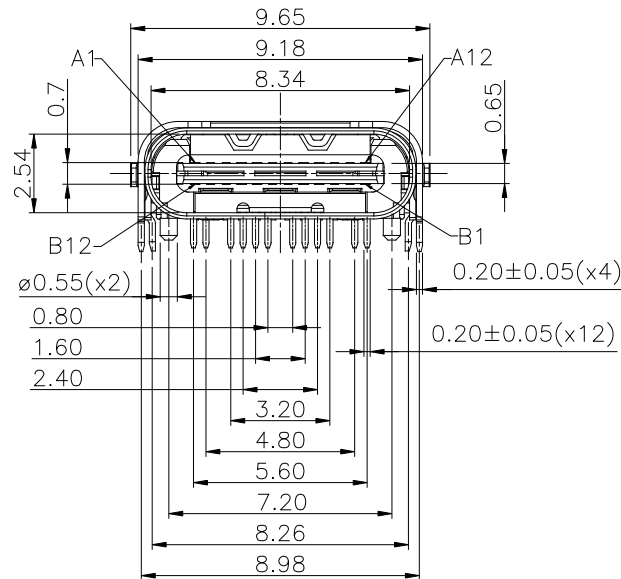
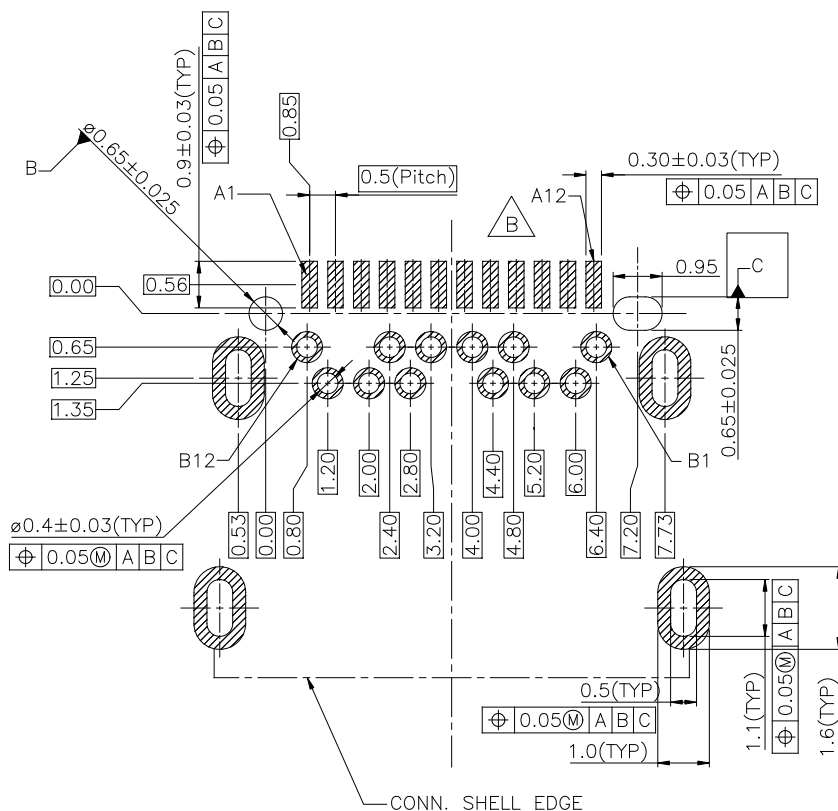


PRODUCT NUMBER

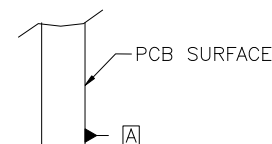
SEE PART NO. SCHEME



⑥	TOP CONTACT	1 SET	COPPER ALLOY	Ni UNDER PLATING. MATTE TIN PLATING ON SOLDER AREA.
⑤	BOTTOM CONTACT	1 SET	COPPER ALLOY	GOLD PLATING ON CONTACT AREA. (SEE P/N SCHEME)
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	tolerances unless otherwise specified
A		TAI	2015-10-16	angles
B	ELX-T-24658	TAI	2016-08-25	Linear
				X'±3'
		dr	KENNY TAI	2015-09-21
		enr	KENNY TAI	2015-09-21
		chr	KENNY TAI	2015-09-21
		appd	PM ZHENG	2015-10-16
sheet	revision	B	B	
index	sheet	1	2	



RECOMMENDED PCB LAYOUT
TOLERANCE ± 0.05



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: MAX. CHANGE 10mΩ.

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:

10137062-000 X X LF

CONTACT PLATING
1. GOLD FLASH
2. 30u" Au

PACKAGING
1. TAPE AND REEL

mat'l. code				surface	tolerance	projection	product family			
ltr				ecr	no	dr	date	tolerances unless otherwise specified		
				angles	±0.3			mm		
				X°±3'	mm			scale N.T.S.		
				dr	KENNY TAI	2015-09-21		product family		
				enr	KENNY TAI	2015-09-21		title		
				chr	KENNY TAI	2015-09-21		USB 3.1 TYPE C RECEPTACLE		
				appd	PM ZHENG	2015-10-16		R/A SMT AND DIP TAILS		
								dwg no		
								sheet 2 of 2		
								size		
								10137062		
								A4		
								type		
								Product Customer Drawing		
sheet index				revision						
				sheet						
				1						
				2						