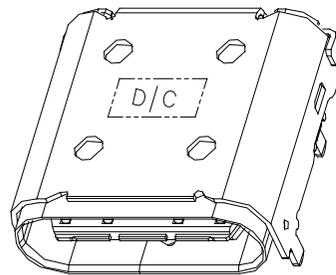
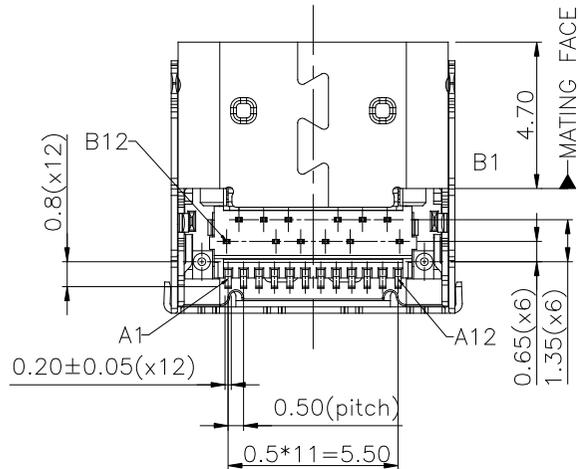
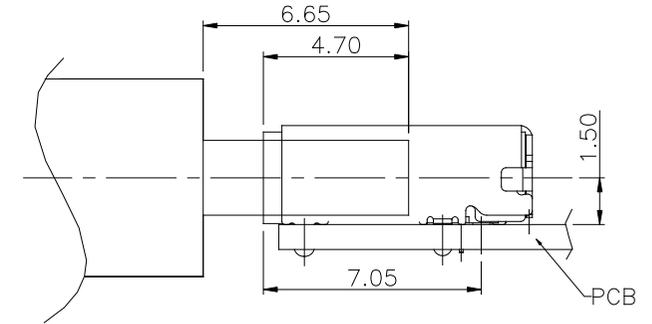
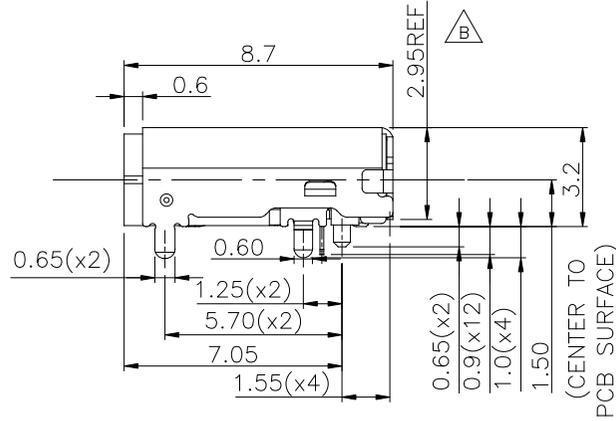
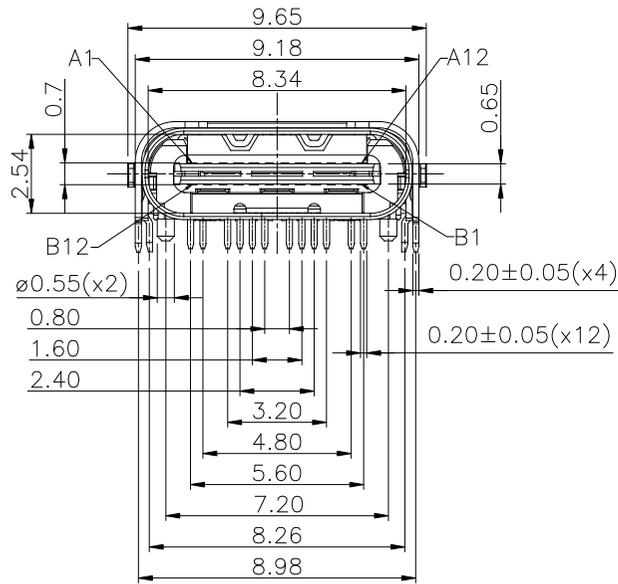
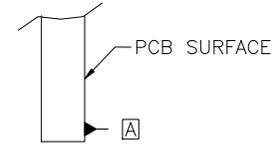
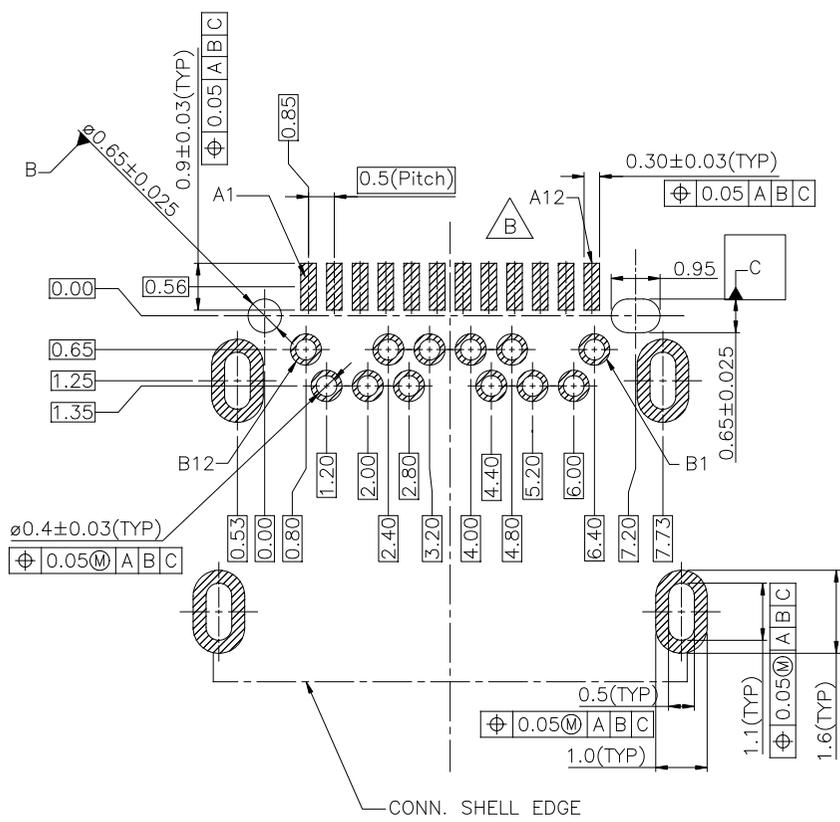


PRODUCT NUMBER
SEE PART NO. SCHEME



ITEM	PART NAME	QTY	MATERIAL	REMARK		
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	product family	
ltr		ecn no	dr	date	tolerances unless otherwise specified	
A			TAI	2015-10-16	angles	
B		ELX-T-24658	TAI	2016-08-25	±0.3	
					mm	
					scale N.T.S.	
		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 index	revision sheet	B	B	1	2	title USB 3.1 TYPE C RECEPTACLE R/A SMT AND DIP TAILS dwg no 10137062 type Product Customer Drawing



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 | PACKAGING |
| 1. GOLD FLASH | 1. TAPE AND REEL |
| 2. 30u" Au | |

RECOMMENDED PCB LAYOUT
TOLERANCE ±0.05

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