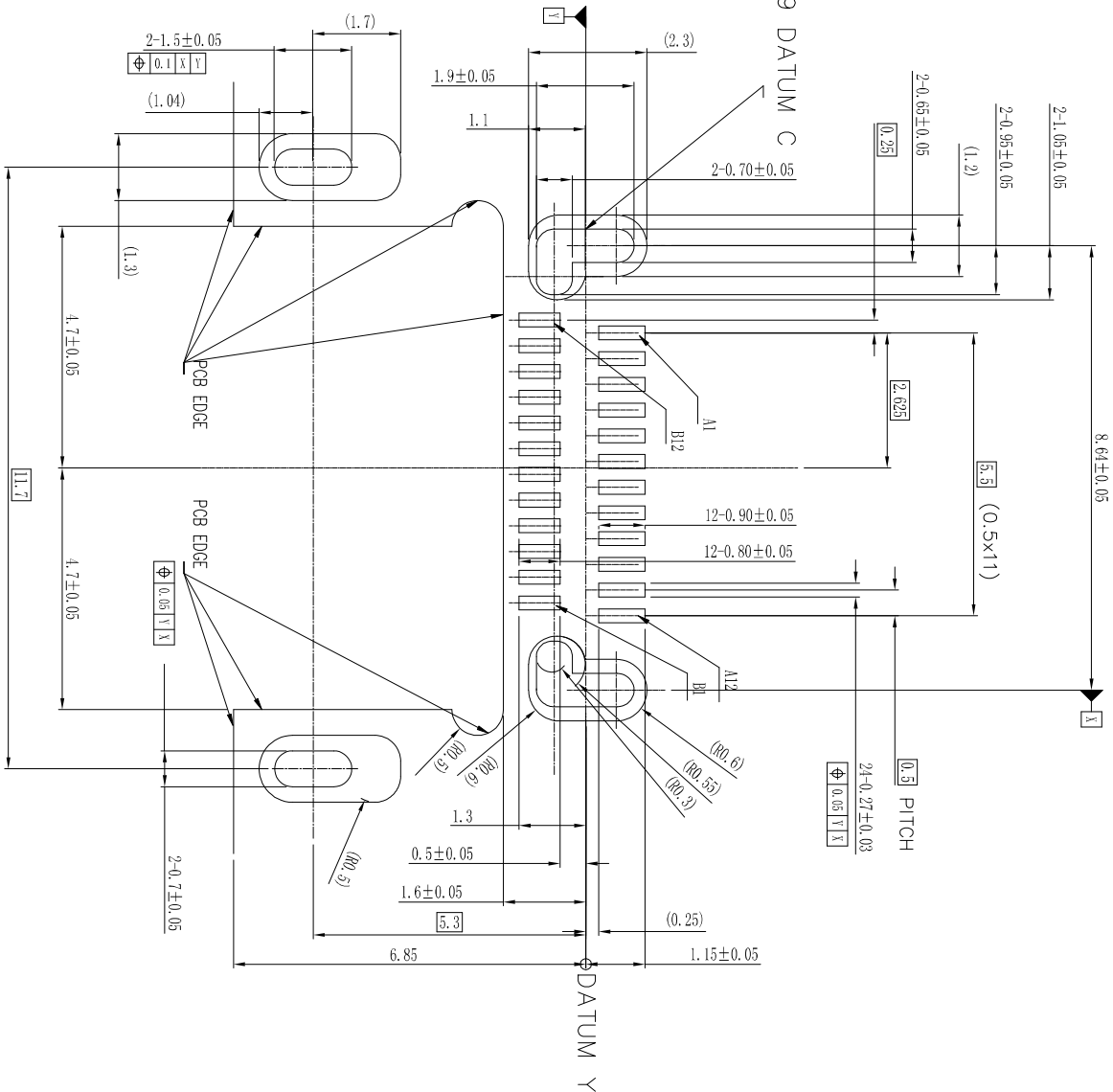


MOUNTING

NO.	PART NAME	MATERIAL	REMARK	QTY
9	FINAL MOLDING	LCP U194 V-0	BLACK	1
8	UNDER CONTACT MOLDING	LCP U194 V-0	BLACK	1
7	UPPER CONTACT MOLDING	LCP U194 V-0	BLACK	1
6	SHELL	STAINLESS STEEL	NI PLATING OVERALL.	1
5	MID-PLATE	STAINLESS STEEL	NI PLATING OVERALL.	1
4	UNDER GROUND	STAINLESS STEEL	NATURAL	1
3	UPPER GROUND	STAINLESS STEEL	NATURAL	1
2	UNDER CONTACT	COPPER ALLOY	GOLD PLATING ON CONTACT SURFACE MATE TIN ON SOLDER TAIL NI UNDERPLATING OVERALL	1
1	UPPER CONTACT	COPPER ALLOY		1

mat'l. code		surface		tolerance		projection		product family	
ltr	ecn no	dr	date	ISO 1302	ISO 406	ISO 1101	mm	HPL	511
A		TAI	2015-10-06	tolerances unless otherwise specified	±0.3	mm	scale 1:1	USB 3.1 Type C RECEIPT. R/A	
B	EX-H-0280-1	YY	2021-03-02	angles				MID-MOUNT, SMT AND DIP TAILS	
				linear				dwg no 10137064	
				0±.3°				sheet 1 of 2 size A3	
		dr	KENNY TAI	2015-09-21				type Product Customer Drawing	
		engr	Yuan-Yuan Bao	2021-03-02					
		chr	Li-Qing Lei	2021-03-02					
		qppd	Tim Yoo	2021-03-02					
sheet index	revision								



PIN NO. RECOMMENDED PCB LAYOUT

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

Form: A3-2016-02-24

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- NOTES:**
1. ELECTRICAL:
 - 1-1. CONTACT CURRENT RATING:
 - 1-1. CONTACT CURRENT AND GND.
 - 5.0A FOR VBUS AND GND.
 - 1.25A FOR Vconn AND GND.
 - (i.e., Pins A4,A9,B4,B9)
 - 0.25A FOR ALL THE OTHERS CONTACTS.
 - 1-2. GROUND TERMINALS(A1,A12,B1,B12) & MID-PLATE & SHELL ARE SHORT TOGETHER
 - 1-3. INSULATION RESISTANCE: 100 MEGAOHMS MIN. AT 250VDC.
 - 1-4. DIELECTRIC WITHSTANDING VOLTAGE: 100VAC MIN.
 - 1-5. 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-12-1356
 5. PACKAGE SPECIFICATION: GS-14-2487
- PART NUMBER SCHEME:
10137064-000 X X LF
- CONTACT PLATING
1. GOLD FLASH
2. 30u" Au
- PACKAGING
1. TAPE AND REEL

mat'l. code	tolerance	projection	product family
ISO 1302	ISO 406 ISO 1101	mm	HPL 511
surfaces unless otherwise specified	±0.3	scale 1:1	title
angles: linear	±0.3	mm	USB 3.1 Type C RECEPT. R/A
dr	KENNY TAI	2015-09-21	MID-MOUNT, SMT AND DIP TAILS
engr	Yuan-Yuan Bao	2021-03-02	dwg no
chr	Li-Qing Lei	2021-03-02	10137064
dppd	Tim Yao	2021-03-02	sheet 2 of 2 size
sheet index			type Product Customer Drawing