

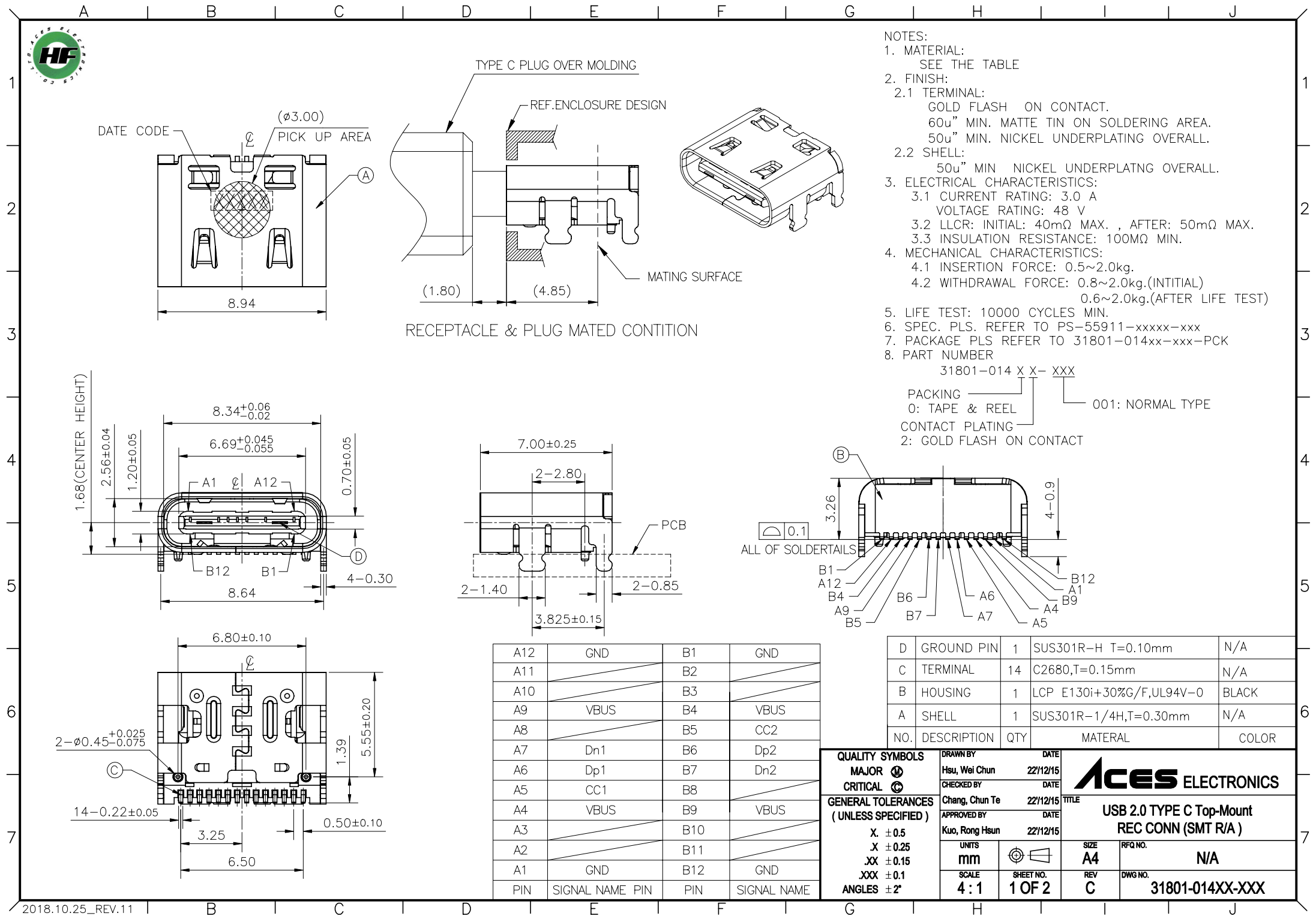


NOTES:

1. MATERIAL:
SEE THE TABLE
2. FINISH:
 - 2.1 TERMINAL:
GOLD FLASH ON CONTACT.
60u" MIN. MATTE TIN ON SOLDERING AREA.
50u" MIN. NICKEL UNDERPLATING OVERALL.
 - 2.2 SHELL:
50u" MIN NICKEL UNDERPLATING OVERALL.
3. ELECTRICAL CHARACTERISTICS:
 - 3.1 CURRENT RATING: 3.0 A
VOLTAGE RATING: 48 V
 - 3.2 LLCR: INITIAL: 40mΩ MAX. , AFTER: 50mΩ MAX.
 - 3.3 INSULATION RESISTANCE: 100MΩ MIN.
4. MECHANICAL CHARACTERISTICS:
 - 4.1 INSERTION FORCE: 0.5~2.0kg.
 - 4.2 WITHDRAWAL FORCE: 0.8~2.0kg.(INITIAL)
0.6~2.0kg.(AFTER LIFE TEST)
5. LIFE TEST: 10000 CYCLES MIN.
6. SPEC. PLS. REFER TO PS-55911-xxxxx-xxx
7. PACKAGE PLS REFER TO 31801-014xx-xxx-PCK
8. PART NUMBER

31801-014 X X- XXX

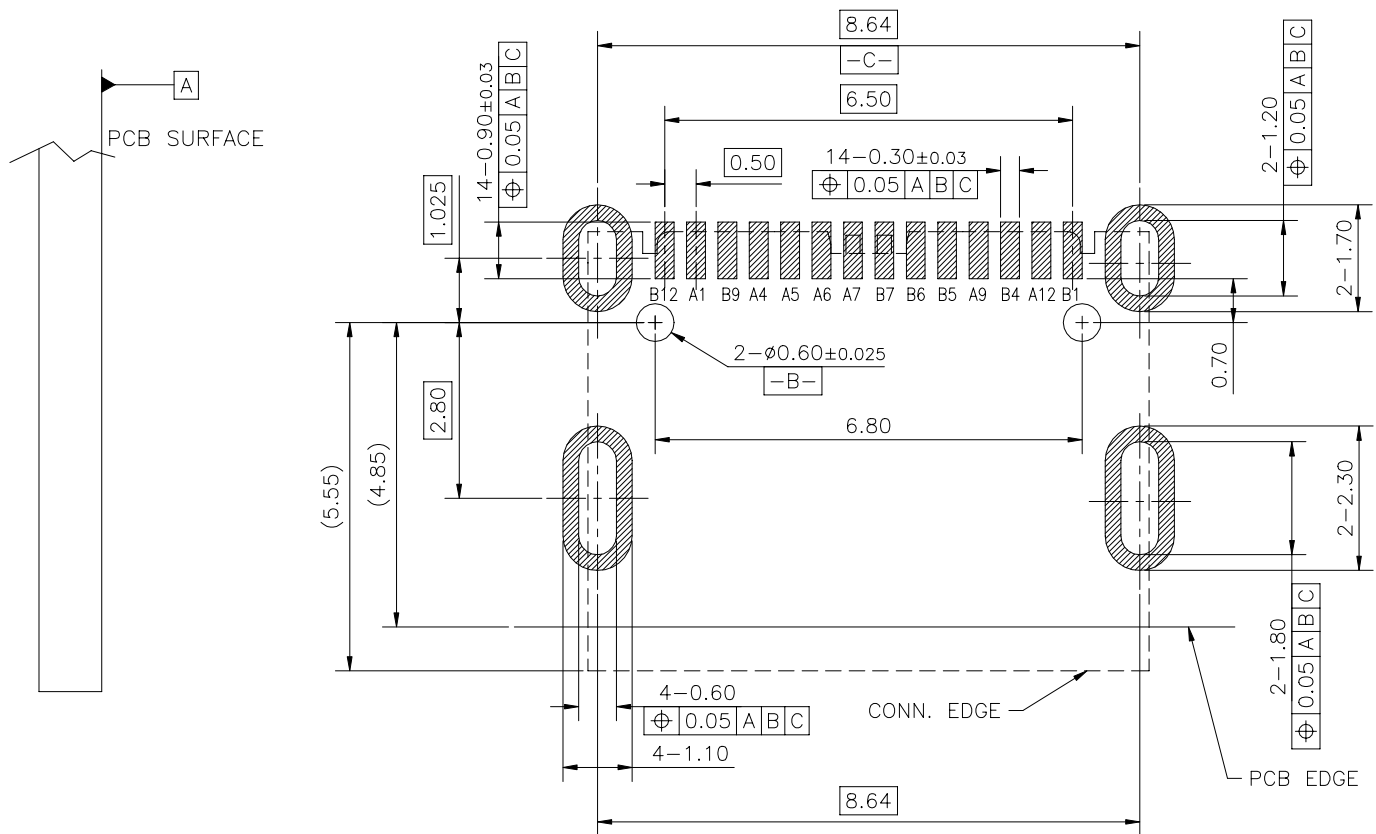
PACKING _____ 001: NORMAL TYPE
 0: TAPE & REEL
 CONTACT PLATING _____
 2: GOLD FLASH ON CONTACT



NO.	DESCRIPTION	QTY	MATERIAL	COLOR
D	GROUND PIN	1	SUS301R-H T=0.10mm	N/A
C	TERMINAL	14	C2680,T=0.15mm	N/A
B	HOUSING	1	LCP E130i+30%G/F,UL94V-0	BLACK
A	SHELL	1	SUS301R-1/4H,T=0.30mm	N/A

A12	GND	B1	GND
A11		B2	
A10		B3	
A9	VBUS	B4	VBUS
A8		B5	CC2
A7	Dn1	B6	Dp2
A6	Dp1	B7	Dn2
A5	CC1	B8	
A4	VBUS	B9	VBUS
A3		B10	
A2		B11	
A1	GND	B12	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME

QUALITY SYMBOLS		DRAWN BY		DATE
MAJOR Ⓢ		Hsu, Wei Chun		22/12/15
CRITICAL Ⓢ		CHECKED BY		DATE
GENERAL TOLERANCES (UNLESS SPECIFIED)		Chang, Chun Te		22/12/15
X ± 0.5		APPROVED BY		DATE
X ± 0.25		Kuo, Rong Hsun		22/12/15
.XX ± 0.1		UNITS		SIZE
.XXX ± 0.1		mm		A4
ANGLES ± 2°		SCALE		RFQ NO.
		4:1		N/A
		SHEET NO.		REV
		1 OF 2		DWG NO.
		C		31801-014XX-XXX



RECOMMENDED PCB LAYOUT
 TOP VIEW
 SCALE 8:1
 (TOLERANCE=±0.05mm)

QUALITY SYMBOLS MAJOR CRITICAL GENERAL TOLERANCES (UNLESS SPECIFIED) X. ±0.5 .X ±0.25 .XX ±0.15 .XXX ±0.1 ANGLES ±2°	DRAWN BY Hsu, Wei Chun	DATE 22/12/15	
	CHECKED BY Chang, Chun Te	DATE 22/12/15	
	APPROVED BY Kuo, Rong Hsun	DATE 22/12/15	RFG NO. N/A
	UNITS mm		SIZE A4
	SCALE 4 : 1	SHEET NO. 2 OF 2	REV C
			DWG NO. 31801-014XX-XXX