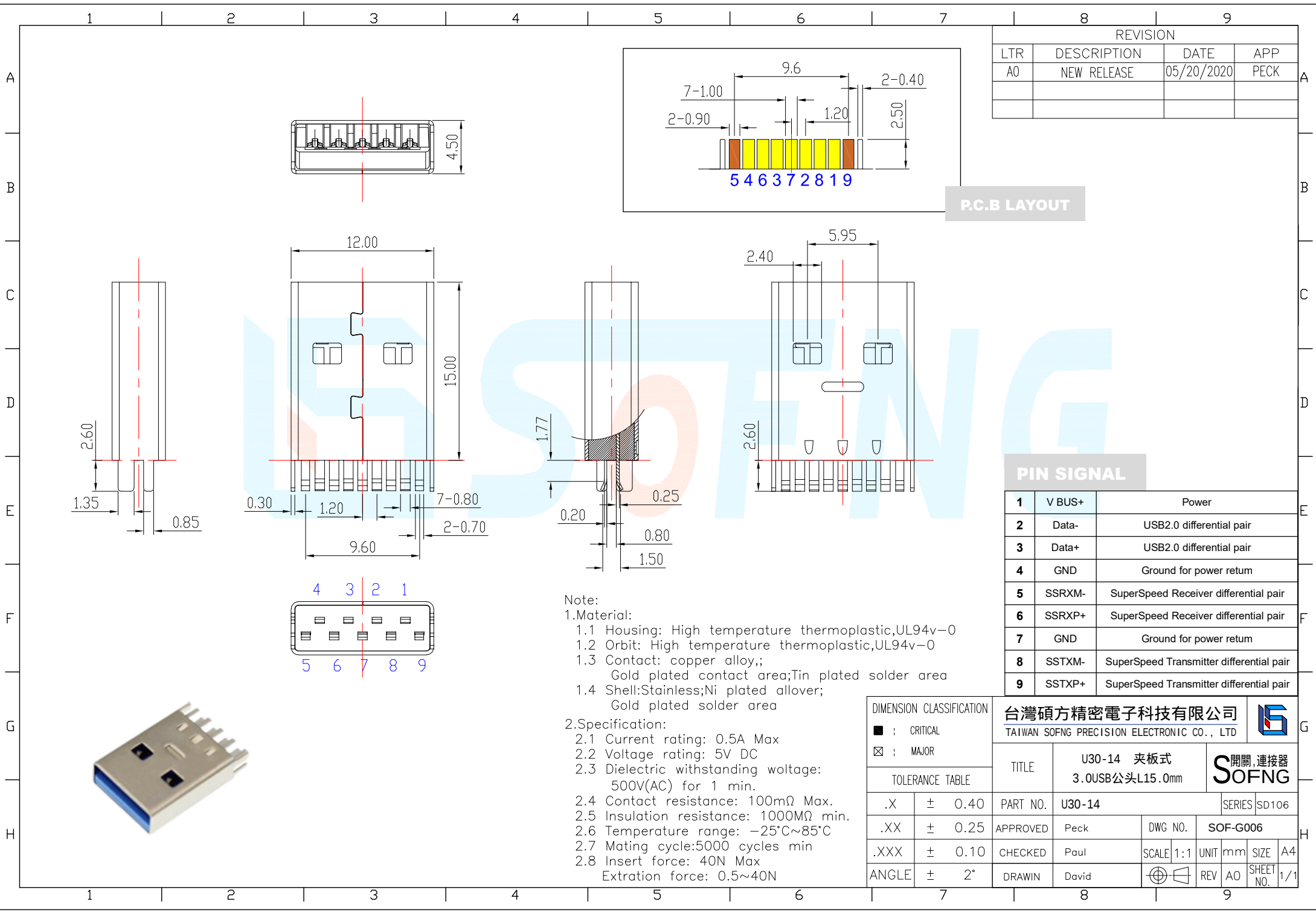




REVISION			
LTR	DESCRIPTION	DATE	APP
A0	NEW RELEASE	05/20/2020	PECK

P.C.B LAYOUT

PIN SIGNAL

1	V BUS+	Power
2	Data-	USB2.0 differential pair
3	Data+	USB2.0 differential pair
4	GND	Ground for power return
5	SSRXM-	SuperSpeed Receiver differential pair
6	SSRXP+	SuperSpeed Receiver differential pair
7	GND	Ground for power return
8	SSTXM-	SuperSpeed Transmitter differential pair
9	SSTXP+	SuperSpeed Transmitter differential pair

- Note:
- 1.Material:
- 1.1 Housing: High temperature thermoplastic,UL94v-0
 - 1.2 Orbit: High temperature thermoplastic,UL94v-0
 - 1.3 Contact: copper alloy;;
Gold plated contact area;Tin plated solder area
 - 1.4 Shell:Stainless;Ni plated allover;
Gold plated solder area
- 2.Specification:
- 2.1 Current rating: 0.5A Max
 - 2.2 Voltage rating: 5V DC
 - 2.3 Dielectric withstanding voltage:
500V(AC) for 1 min.
 - 2.4 Contact resistance: 100mΩ Max.
 - 2.5 Insulation resistance: 1000MΩ min.
 - 2.6 Temperature range: -25°C~85°C
 - 2.7 Mating cycle:5000 cycles min
 - 2.8 Insert force: 40N Max
Extraction force: 0.5~40N

DIMENSION CLASSIFICATION	
■	CRITICAL
☒	MAJOR

TOLERANCE TABLE

.X	±	0.40
.XX	±	0.25
.XXX	±	0.10
ANGLE	±	2°

台灣碩方精密電子科技有限公司
TAIWAN SOFNG PRECISION ELECTRONIC CO., LTD

TITLE		U30-14 夾板式 3.0USB公头L15.0mm		開關,連接器 SOFNG	
PART NO.	U30-14			SERIES	SD106
APPROVED	Peck	DWG NO.	SOF-G006		
CHECKED	Paul	SCALE	1:1	UNIT	mm
DRAWIN	David	REV	AO	SHEET NO.	1/1