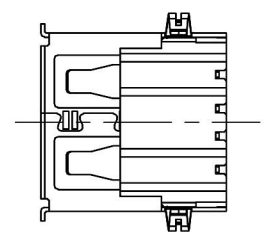
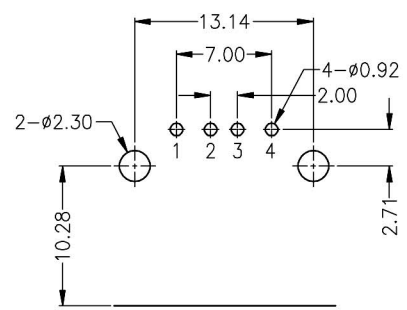
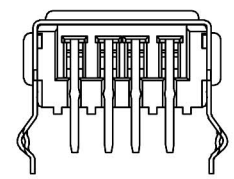
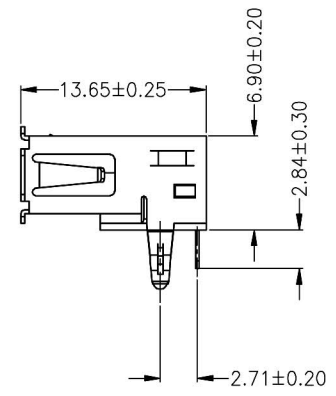
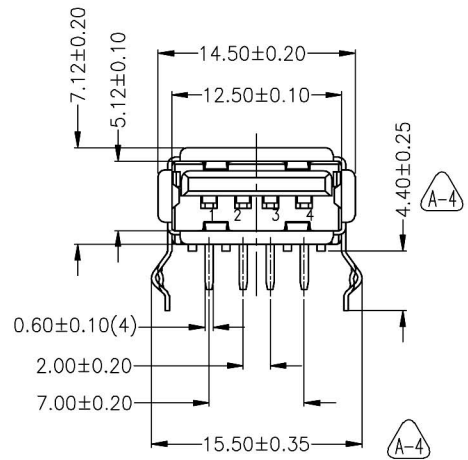
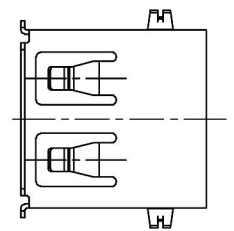


REV	DESCRIPTION	DATE	ECN NO.	CHANGER
A-4	Change Dimension	2018.05.02	201804130080	Shizuming
A-5	ADD P/N.	2019.01.02		GPFANG



**SPECIFICATION**

**MATERIALS AND PLATING**

- SHELL MATERIAL: COPPER ALLOY, T=0.30±0.02mm
- PLATING: 50U" MIN. NICKEL PLATED OVERALL
- TERMINAL MATERIAL: COPPER ALLOY, T=0.25±0.02MM
- PLATING: SELECTIVITY GOLD PLATED ON CONTACT AREA, 80U" MIN. BRIGHT-TIN PLATED ON SOLDER TAIL 50U" MIN. NICKEL UNDERPLATED OVERALL.
- HOUSING MATERIAL: THERMOPLASTIC BLACK HF. UL94V-0

**ELECTRICAL PERFORMANCE**

- RATED VOLTAGE: 30V rms MAX.
- RATED CURRENT: 1.5A
- INSULATION RESISTANCE: 1000 MΩ MIN, 500V DC, TEST TIME: 1 SEC MIN.
- DIELECTIC WITHSTANDING VOLTAGE: 500V AC, TEST TIME: 1 SEC MIN.
- CONTACT RESISTANCE: 30mΩ MAX.

**ENVIRONMENTAL PERFORMANCE**

- OPERATING TEMPERATURE: -40°C TO +85°C
- STORAGE TEMPERATURE: -20°C TO +60°C, RELATIVE HUMIDITY (%): 20%~70%
- STORAGE LIFE: 12 MONTHS MAX.
- SALT SPRAY TEST: 24H

**MECHANICAL PERFORMANCE**

- DURABILITY: 1500 CYCLE
- INSERTION FORCE: 35N MAX.
- EXTRACTION FORCE: 10N MIN.
- THE PEAK OF TEMPERATURE ON SOLDERING: THT: 260±5°C 5~10S

**TABLE:**

A-5	10302204A377	PBT(HF) BLACK PLATING Au Fu"MIN, Ni:50u"MIN, BRIGHT-SN:80u"MIN		
	10302204F011	PBT(HF) BLACK PLATING Au 30u"MIN, Ni:50u"MIN, BRIGHT-SN:80u"MIN		
3	Shell	C2680EH	1	T=0.30 Plating nickel/Tin
2	Housing	P.B.T	1	UL94V-0 Nature/Black/White
1	Contact	C2680EH	4	T=0.25 Plating Gold
NO.	VARIETY	MATERIAL	QT, Y	REMARK

RECOMMENDED P.C.B HOLE LAYOUT (TOP VIEW)

**PIN SIGNAL NAME:**

1	VBUS	X. ±0.38	X.' ±4'	UNIT:	mm	DR:		TITLE:	USB A TYPE(FEMALE)		
2	D-	.X ±0.25	.X' ±2'	3RD:		DE:			DIP 90° L=13.65		
3	D+	.XX±0.20	.XX'	SCALE:	1:1	CHKD:		SHEET:	1/1	P/N:	SEE TABLE
4	GND	.XXX±0.10	.XXX'	REV:	A-5	APPD:		D/N:	1014-0006	M/N:	
SHELL	SHIELD	CUSTOMER DRAWING									