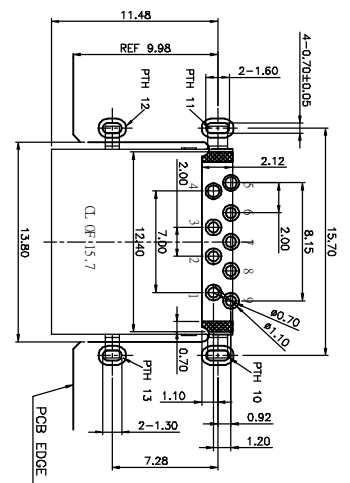
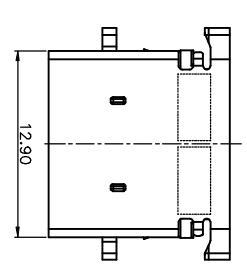
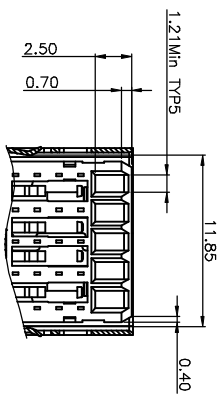
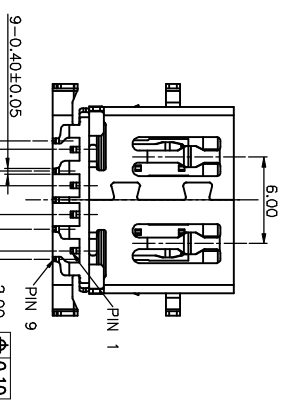
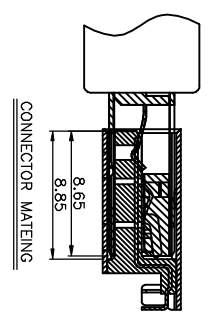
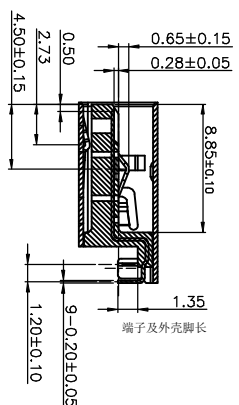
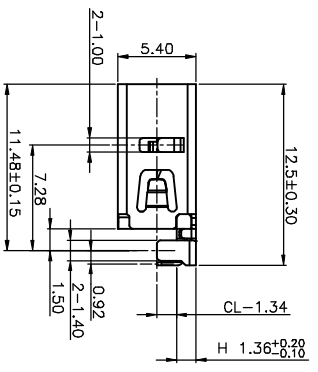
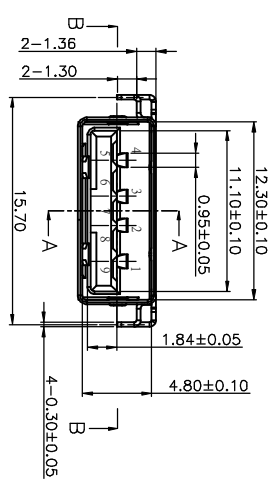


CATEGORY	DESCRIPTION	P/N #
CONNECTOR	SLIM USB 3.0 AF RVS DIP TYPE	UB9NSF-XXX11-YRDV01

REV.	ECN NO	DESCRIPTION	REVISED	DATE
A01		New Release	KELLY	2014.03.21



TOLERANCE: ±0.05, THICKNESS: 1.0~1.2mm
 RECOMMENDED PCB LAYOUT
 KEEP OUT AREA



- NOTE:
1. MATERIAL:
 - 1.1 INSULATOR: HIGH TEMPERATURE PLASTIC UL 94 V-0;
 - 1.2 CONTACT: COPPER ALLOY(T=0.2mm)
 - 1.3 SHELL: SUS201(T=0.30mm)
 2. ELECTRICAL CHARACTERISTICS:
 - 2.1 CONTACT RESISTANCE: 30m Ω MAX.
 - 2.2 CONTACT CURRENT RATING: 1.5A
 - 2.3 DIELECTRIC WITHSTANDING VOLTAGE: 500 V R.M.S.
 - 2.4 INSULATION RESISTANCE: 100 MEGOHMS M
 - 2.5 OPERATING TEMPERATURE: -55°C~85°C
 - 2.6 RATE VOLTAGE: 30V DC
 3. MECHANICAL CHARACTERISTICS:
 - 3.1 MATING FORCE: 10 N Min INITIAL; 8 N Min AFTER TEST
 - 3.2 UNMATING FORCE: 3.5 N Max
 - 3.3 DURABILITY: 5,000 CYCLES
 4. PLATING
 - 4.1 TERMINAL CONTACT: GOLD PLATING ALL OVER 50μ" MIN NICKEL AND 80μ" MIN Matte Tin NICKEL IN SOLDER AREA (SEE TAB)
 - 4.2 SHELL: 50μ" MIN. NICKEL ALL OVER

Table 1

X	屏蔽壳材质
B	BRASS
G	SUS
s	Steel

Table 2

X	塑胶颜色区分
B	BLACK
W	WHITE
U	BLUE

Table 3

X	Terminal Plating
0	Au 1u" Plating
1	Au 3u" Plating
2	Au 6u" Plating
3	Au 15u" Plating
4	Au 30u" Plating

Pin #	SIGNAL NAME DESCRIPTION	MATING SEQUENCE
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1	VBUS	POWER	SECOND
2	D-	USB 2.0 DIFFERENTIAL PAIR	THIRD
3	D+	DIFFERENTIAL PAIR	SECOND
4	GND	GROUND FOR POWER RETURN	LAST
5	SIDA_SSRX-	SUPER SPEED RECEIVER DIFFERENTIAL PAIR	
6	SIDA_SSRX+	DIFFERENTIAL PAIR	
7	GND_DRAIN	GROUND FOR SIGNAL RETURN	
8	SIDA_SSTX-	SUPER SPEED TRANSMITTER DIFFERENTIAL PAIR	
9	SIDA_SSTX+	DIFFERENTIAL PAIR	
Shell	Shield	CONNECTOR METAL SHELL	FIRST

东莞市合陵电子有限公司
 Dongguan Heling Electronic Co., LTD

TOLERANCES UNLESS		SCALE: 1/1		UNIT: mm		PAGE: 1 OF 1		REV: A01		DWG. NO:	
X: ±0.38	X: ±3	APPROVED BY	CHECKED BY	PREPARED BY	TNOY	BILL	KELLY	CUSTOMER COPY			