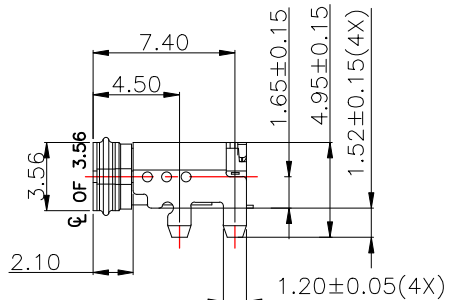
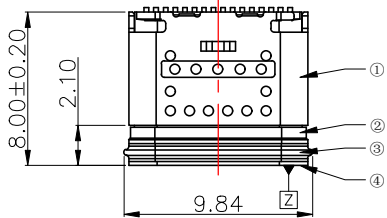
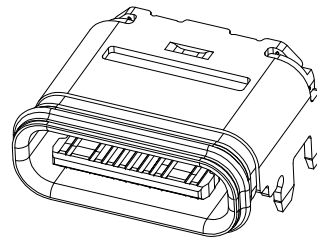




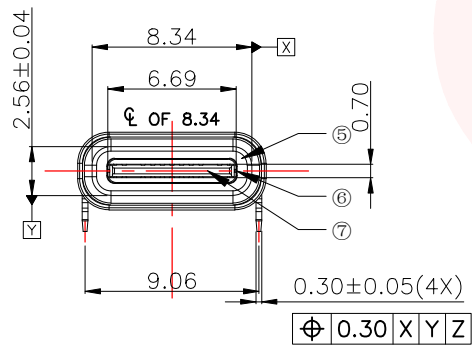
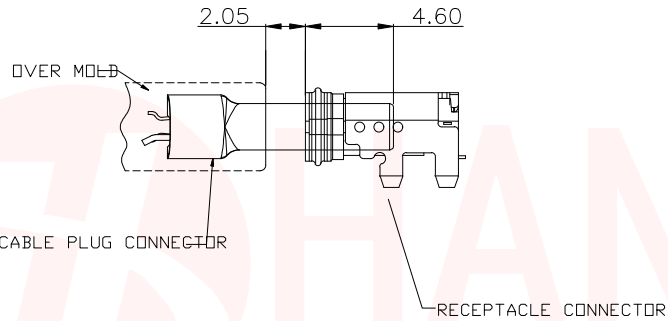
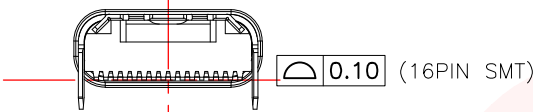
REV.	ECN NO OR DESCRIPTION	REVISED	DATE



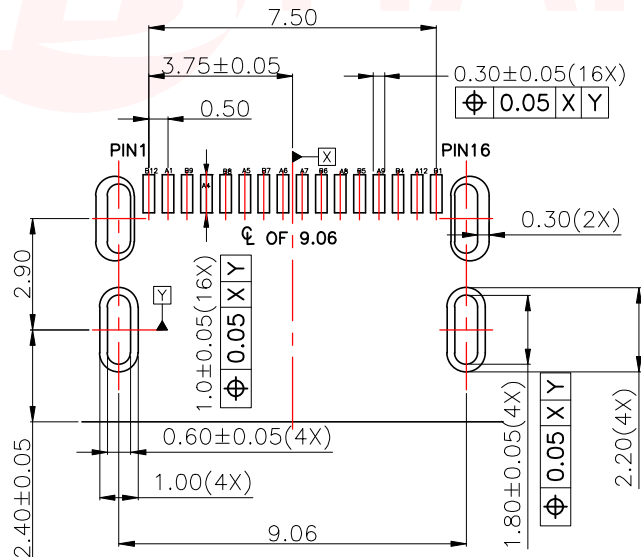
⌀ 0.30 X Y Z



Notes:  
 1. ELECTRICAL characteristics:  
 1-1. Dielectric withstanding: 500V AC/1minute.  
 1-2. Current rating:  
 Vbus and GND contact: ≥1.25A/pin, Paralleled for a total of 5A Min  
 Other contacts: ≥0.25A/pin  
 1-3. Initial LLCR 40mΩ max. after test Δ10mΩ max:  
 40mΩ MAX. FOR VBUS, GND AND OTHER CONTACTS,  
 50mΩ MAX. FINAL AFTER TEST.  
 1-4. Insulation Resistance: 1000MΩ Min  
 2: Mechanical characteristics  
 2-1 Insert force: 5~20N MAX.  
 Withdraw force: 8~20N, after test: 6~20N  
 2-2 Durability: 10000 cycles min  
 2-3. Laser point: Height < 0.05mm, Pulling force > 50N  
 3: Environment characteristics  
 3-1 Operating temperature: -40~+85°C  
 3-2 Salty spray: 48hours (EIA-364-26B-B)  
 4. Burr: 0.05MM MAX.  
 5. Tape and reel packing satisfy EIA-364-481 standard



⌀ 0.30 X Y Z



RECOMMENDED PCB LAYOUT(TOP VIEW)

PCB THICKNESS 1.72±0.05MM

Pin	Signal	Description	Mating Sequence	Description	Signal	Pin
2	A1	GND	First	Ground return	GND	B12 1
/	A2	TX1+	Second	/	RX1+	B11 /
/	A3	TX1-	Second	/	RX1-	B10 /
4	A4	VBUS	First	Bus Power	VBUS	B9 3
6	A5	CC1	Second	Configuration Channel	SBU2	B8 5
8	A6	D+	Second	Positive half of the USB 2.0 differential pair-Position 1	D-	B7 7
9	A7	D-	Second	Negative half of the USB 2.0 differential pair-Position 1	D+	B6 10
11	A8	SBU1	Second	Sideband Use (SBU)	CC2	B5 12
13	A9	VBUS	First	Bus Power	VBUS	B4 14
/	A10	RX2-	Second	/	TX2-	B3 /
/	A11	RX2+	Second	/	TX2+	B2 /
15	A12	GND	First	Ground return	GND	B1 16

⑨	1	下端子	铜合金	镀金
⑧	1	上端子	铜合金	镀金
⑦	1	I/M	LCP	/
⑥	1	中隔片	不锈钢	水洗
⑤	1	EMI	不锈钢	水洗
④	1	内铁壳	不锈钢	水洗
③	1	密封圈	硅胶	/
②	1	钢圈	不锈钢	水洗
①	1	外铁壳	不锈钢	镀镍
序号	数量	零件名称	材料	镀层

UNLESS OTHERWISE SPECIFIED TOLERANCES

东莞市汉博电子科技有限公司  
DONGGUAN HANBO TECHNOLOGY CO., LTD

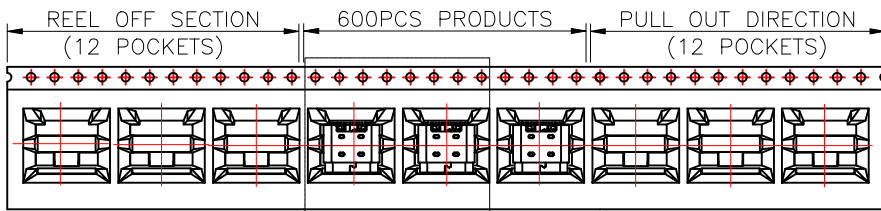
DECIMALS: ANGLES:  
 X :±0.20 X :±2°  
 X.X :±0.15 X.X :±1°  
 X.XX :±0.10

TITLE	TYPE C 16PIN 防水IPX8 板上一体 CH=165
DWN	xiong PART NO. MC-1009FLD-CH165
CHKD	lee SCALE:1:1 UNIT: mm
APVD	wang SIZE: A4 SHEET:1OF 1 REV: A4

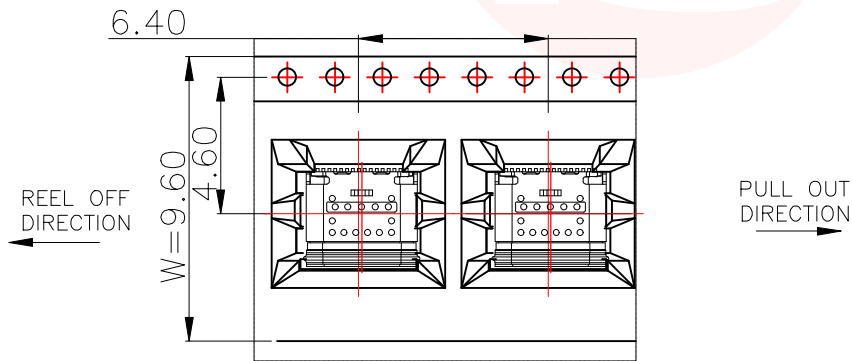
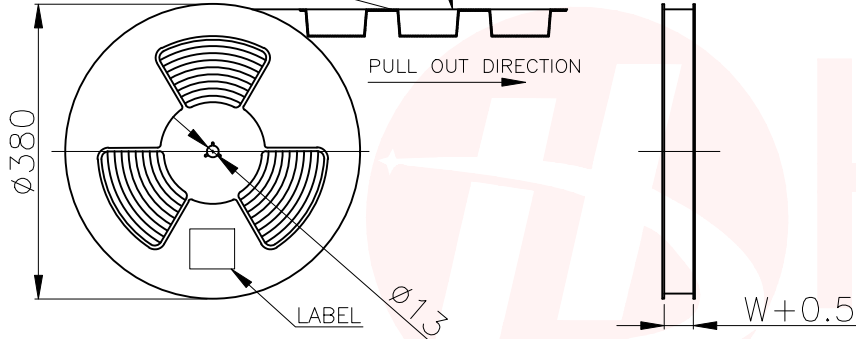
CUSTOMER COPY



REV.	ECN NO OR DESCRIPTION	REVISED	DATE



SEE DETAIL X



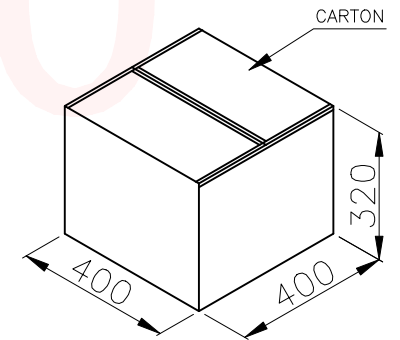
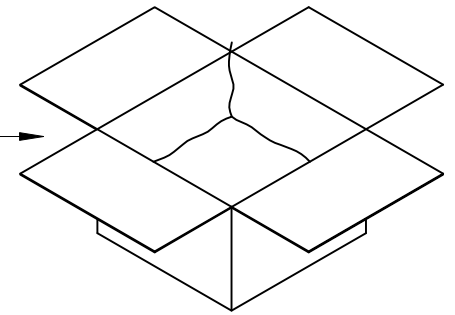
DETAIL X  
SCALE 2:1

PAPER BOARD

REEL AND TAPE

REEL AND TAPE

PAPER BOARD



	REEL	CARTON
CONNECTOR (PCS)	600	6000

UNLESS OTHERWISE SPECIFIED TOLERANCES

DECIMALS:	ANGLES:
X :±0.20	X :±2°
X.X :±0.15	X.X :±1°
X.XX :±0.10	



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DONGGUAN HANBO TECHNOLOGY CO., LTD

TITLE	TYPE C 16PIN 防水IPX8 板上一体 CH=1.65		
DWN	xiong	PART NO.	MC-1009FLD-CH165
CHKD	lee	SCALE:1:1	UNIT: mm
APVD	wang	SIZE: A4	SHEET:10F 1
			REV: A4

CUSTOMER COPY

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