

NOTE:

- MATERIAL SPECIFICATION:
 - HOUSING:PA9T COLOR SEE TABLE 1,UL94 V-0.
 - CONTACTS: COPPER ALLOY(C18150)
 - MID PLATE&SPRING: STAINLESS STEEL(SUS301)
 - FRONT SHELL&COVER: STAINLESS STEEL(SUS304)
- PLATING SPECIFICATION:
 - CONTACTS:
Ni 50u" MIN. UNDER PLATED OVER ALL.
Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.
(GOLD PLATING THICKNESS FOLLOW THE P/N)
PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N
 - FRONT SHELL & COVER:
Ni 30u" MIN. UNDER PLATED OVER ALL.
 - MID PLATE & EMI SPRING:
CLEAR ONLY
- MECHANICAL PERFORMANCE,
 - INSERTION FORCE: 0.5~2.0kgf.
 - REMOVAL FORCE: 0.8kgf~2.0kgf.
 - DURABILITY: 10000 CYCLES.
- ELECTRICAL PERFORMANCE,
 - CURRENT RATING:3.0A
VOLTAGE RATING:5.0V
 - LLCR:
VBUS & GND PINS AND OTHER PINS: 40mA/PIN MAX.
LLCR MAX. CHANGE OF ALL PINS: 10mA.
 - INSULATION RESISTANCE: 100MΩ MIN
 - DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
- ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: -25°C~+85°C.
- IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TXp1	B11	RXp1
A3	TXn1	B10	RXn1
A4	Vbus	B9	Vbus
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	Vbus	B4	Vbus
A10	RXn2	B3	TXn2
A11	RXp2	B2	TXp2
A12	GND	B1	GND

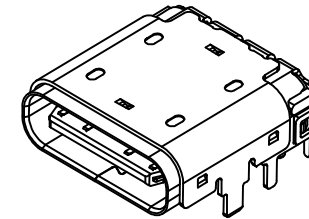


TABLE 1

ITEM	P/N	DIM"A"	DIM"C"	HOUSING COLOR	PLATING	
					MATING AREA	SOLDER AREA
1	MC-279D-EP24-003	9.34	7.69	BALCK	Au:3u"	Au:G/F
2	MC-279D-EP24-030	9.34	7.69		Au:30u"	

UNLESS OTHERWISE
SPECIFIED TOLERANCES

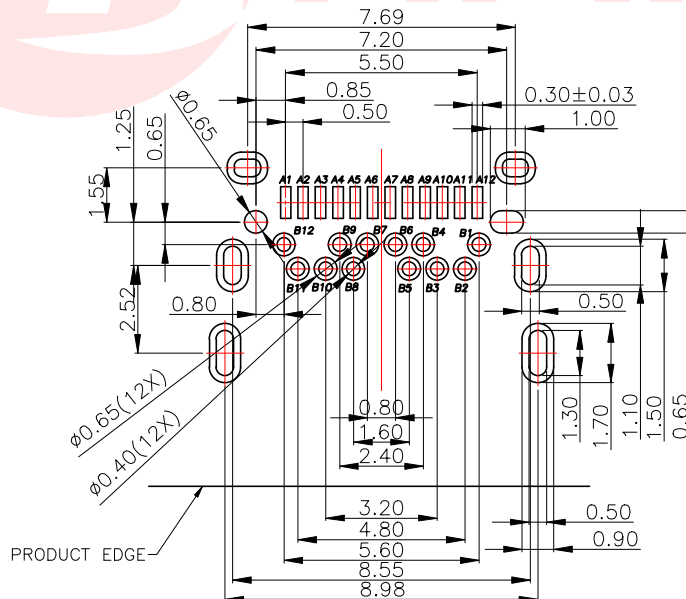
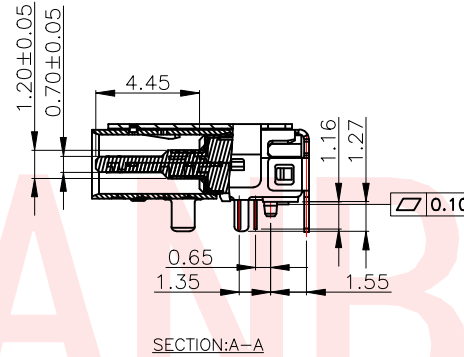
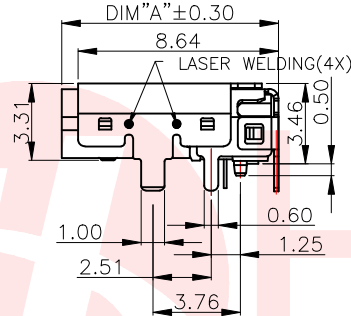
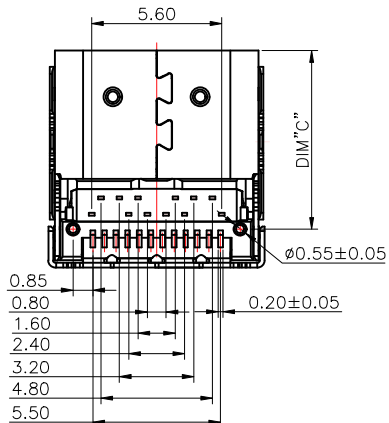
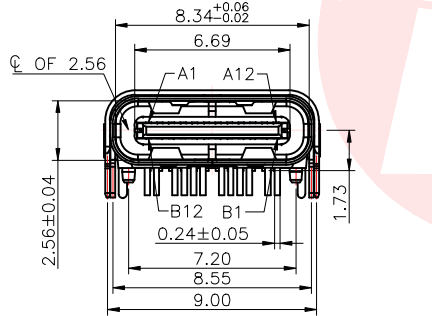
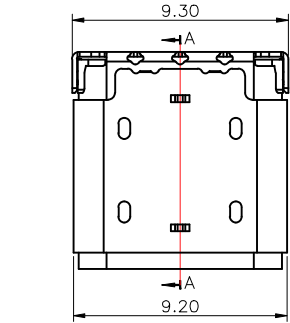
DECIMALS: ANGLES:
X :±0.30 X :±2°
X.X :±0.20 X.X :±1°
X.XX :±0.10



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

TITLE	USB CF TYPE C 24PIN DIP+SMT TYPE 帶上蓋			
DWN	xiong	PART NO.	MC-279D-EP24-003	
CHKD	lee	SCALE:1:1	UNIT: mm	
APVD	wang	SIZE: A4	SHEET:10F 1	REV: A4

CUSTOMER COPY

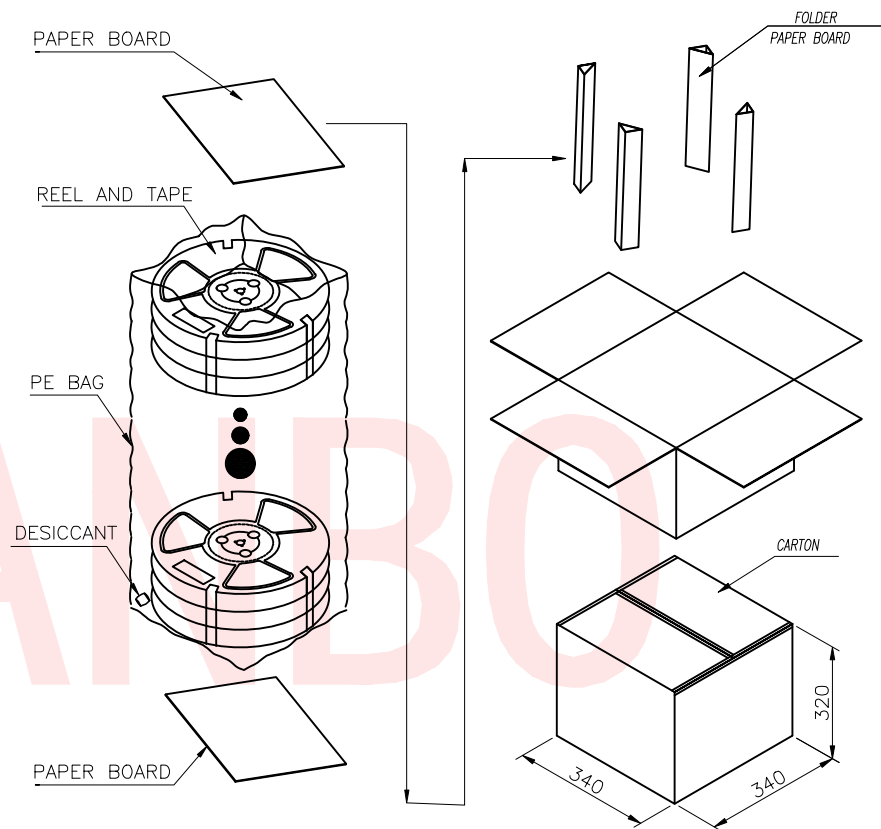
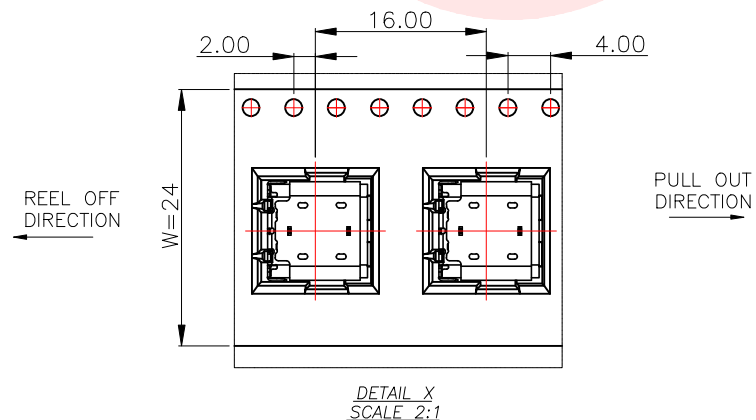
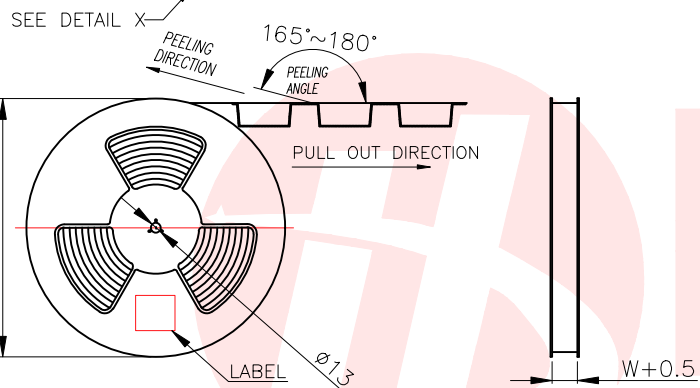
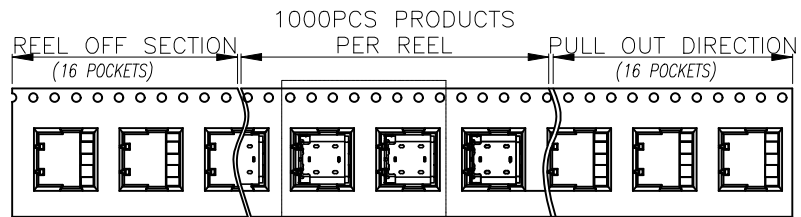


SCALE 1.5:1

RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 1.0 MM;DEFAULT TOLERANCE:±0.05



REV.	ECN NO OR DESCRIPTION	REVISED	DATE



		REEL	CARTON
CONNECTOR (PCS)		1000	10000
UNLESS OTHERWISE SPECIFIED TOLERANCES		东莞市汉博电子科技有限公司 DONGGUAN HANBO TECHNOLOGY CO., LTD	
DECIMALS:	ANGLES:	TITLE	USB CF TYPE C 24PIN DIP+SMT TYPE 带上盖
X :±0.30	X :±2°	DWN	xiong
X.X :±0.20	X.X :±1°	CHKD	lee
X.XX :±0.10		APVD	wang
		PART NO.	MC-279D-EP24-003
		SCALE:1:1	UNIT: mm
		SIZE: A4	SHEET:10F 1
			REV: A4
CUSTOMER COPY			