

PIN ASSIGNMENTS:

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	TX1+	TX1-	V _{BUS}	CC1	D+	D-	SBU1	V _{BUS}	RX2-	RX2+	GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
GND	RX1+	RX1-	V _{BUS}	SBU2	D-	D+	CC2	V _{BUS}	TX2-	TX2+	GND

NOTES:

- MATERIAL:**
 - HOUSING:LCP UL94 V-0
 - CONTACT:COPPER ALLOY
 - SHELL:STAINLESS STEEL
- FINISH:**
 - CONTACT: Au 30u" Min. ON CONTACT AREA; MATTE TIN PLATING ON SOLDER TAIL; Ni ALL OVER;
 - SHELL: SOLDERABILITY Ni PLATING OVER ALL;
- ELECTRICAL:**
 - INSULATION RESISTANCE: 100 MEGAOHMS MIN.
 - DIELECTRIC WITHSTANDING VOLTAGE: 100VAC MIN.
 - LOW LEVEL CONTACT RESISTANCE: INITIAL 40mΩ MAX. AFTER 50mΩ MAX.
- MECHANICAL CHARACTERISTICS:**
 - MATING FORCE: 5~20N;
 - UNMATING FORCE: 8~20N (INITIAL), 6~20N (AFTER 10000 CYCLES);
 - DURABILITY: 10,000 MATING CYCLES.
 - OPERATING TEMPERATURE: -40° C TO +80° C

RoHS Compliant

HSM 玄茂科技股份有限公司
HSUAN MAO TECHNOLOGY CO., LTD.

APPD. 核准
 DWG. 製圖
 DATE 制表日
 2023/08/23

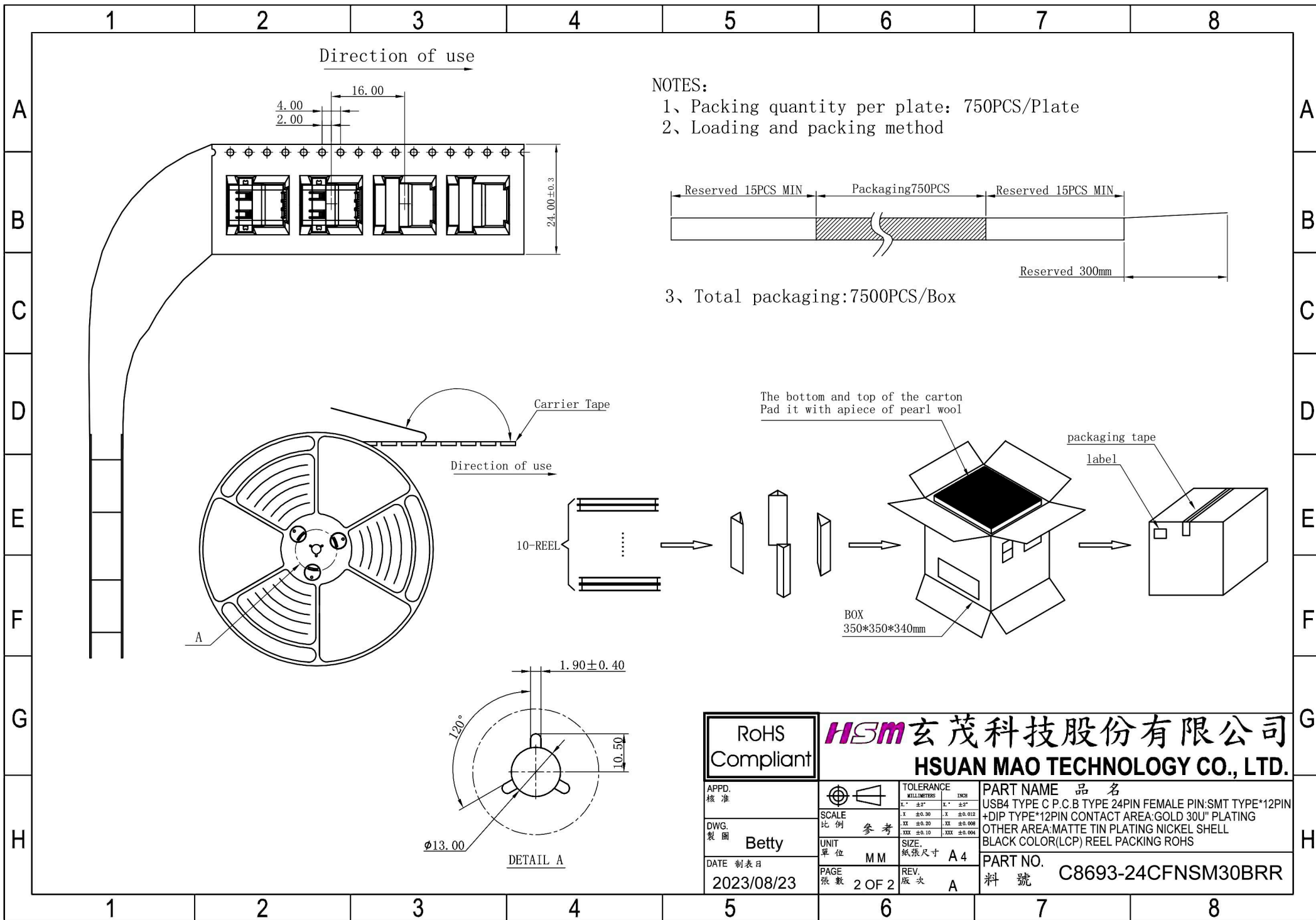
SCALE 比例 參考
 UNIT 單位 MM
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 REV. 版次 A

PART NAME 品名
 USB4 TYPE C P.C.B TYPE 24PIN FEMALE PIN:SMT TYPE*12PIN
 +DIP TYPE*12PIN CONTACT AREA:GOLD 30U" PLATING
 OTHER AREA:MATTE TIN PLATING NICKEL SHELL
 BLACK COLOR(LCP) REEL PACKING ROHS
 PART NO. 料號
 C8693-24CFNSM30BRR

3D VIEW

RECOMMENDED PCB LAYOUT (TOP VIEW)
 DEFAULT TOLERANCE: ±0.05

SECTION A-A



RoHS Compliant		玄茂科技股份有限公司 HSUAN MAO TECHNOLOGY CO., LTD.	
APPD. 核准	 SCALE 比例 参考	TOLERANCE MILLIMETERS INCH X ±0.30 X ±0.012 XX ±0.20 XX ±0.008 XXX ±0.10 XXX ±0.004	PART NAME 品名 USB4 TYPE C P.C.B TYPE 24PIN FEMALE PIN:SMT TYPE*12PIN +DIP TYPE*12PIN CONTACT AREA:GOLD 30U" PLATING OTHER AREA:MATTE TIN PLATING NICKEL SHELL BLACK COLOR(LCP) REEL PACKING ROHS
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