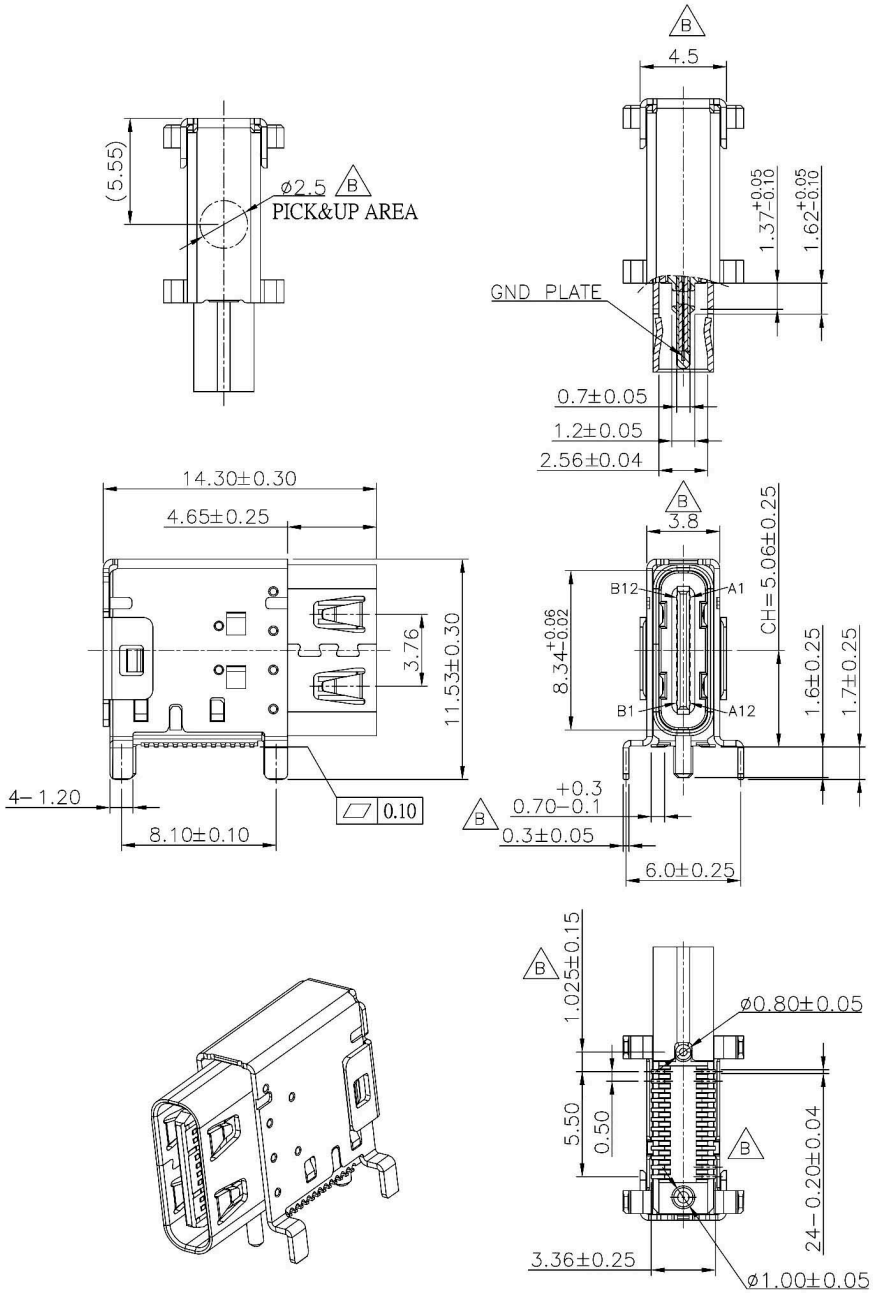


PIN ASSIGNMENT:

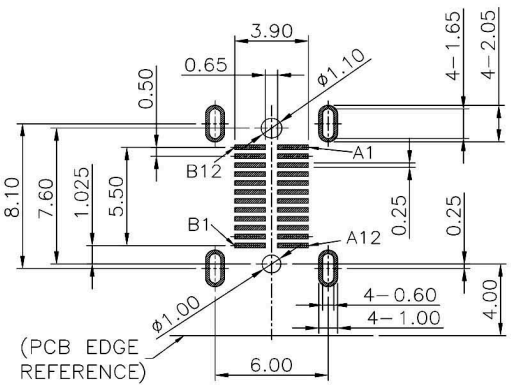
PIN	Signal Name	PIN	Signal Name
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
A4	Vbus	B9	Vbus
A5	CC1	B8	SBU2
A6	Dp1	B7	DN2
A7	Dn1	B6	DP2
A8	SBU1	B5	CC2
A9	Vbus	B4	Vbus
A10	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	GND

MATERIALS

1. HOUSING : LCP (UL 94V-0), BLACK.
2. TERMINAL : COPPER ALLOY,
   GOLD PLATED ON CONTACT AREA.
   GOLD FLASH PLATING ON SOLDER TAIL.
   NICKEL UNDERPLATED OVER ALL.
3. MID PLATE : STAINLESS STEEL.
4. SHELL : STAINLESS STEEL,NICKEL PLATING.

SPECIFICATION

1. CURRENT RATING : 5.0A FOR Vbus PIN,
   1.25A FOR Vconn PIN,
   0.25A FOR OTHER PINS.
2. CONTACT RESISTANCE : 40mΩ.
3. INSULATION RESISTANCE : 100MΩ MIN.
4. DIELECTRIC WITHSTANDING VOLTAGE : 100 VAC MIN.
5. OPERATING TEMPERATURE : -40°C TO +85°C.
6. MATING FORCE : 5~20N.
7. UNMATING FORCE : 8~20N.
8. DURABILITY : 10,000 CYCLES.
9. RECOMMENDED PROCESS :
   THE PEAK TEMPERATURE ON THE BOARD SHALL MAINTAIN 260°C.

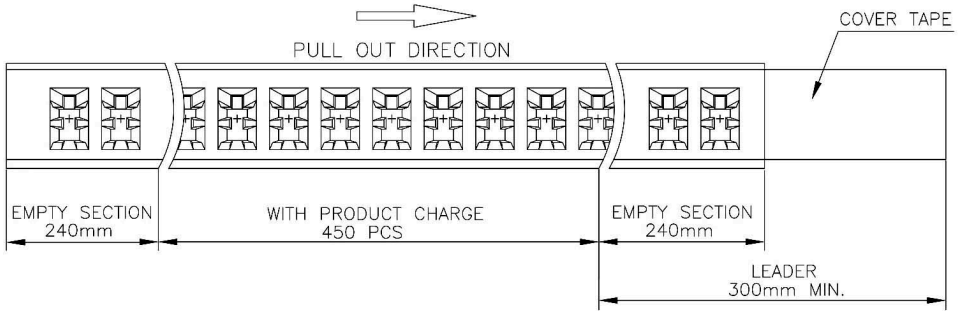


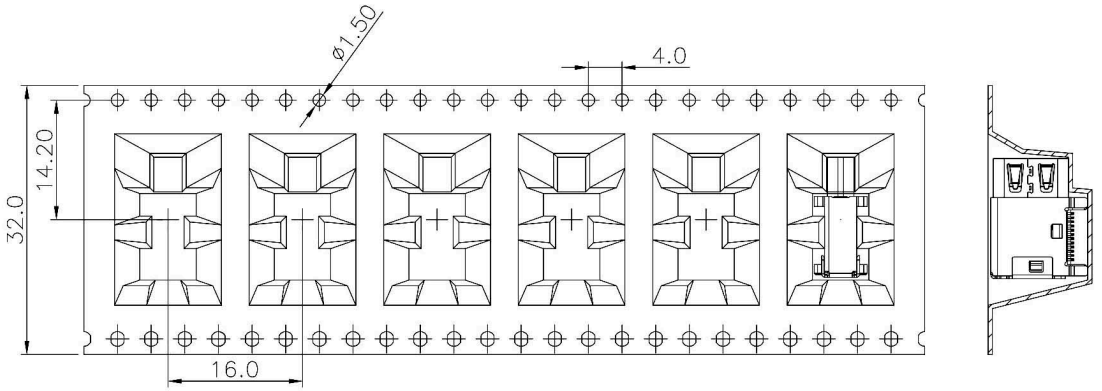
RECOMMENDED P.C.B LAYOUT
TOLERANCE ± 0.05mm (TOP VIEW)

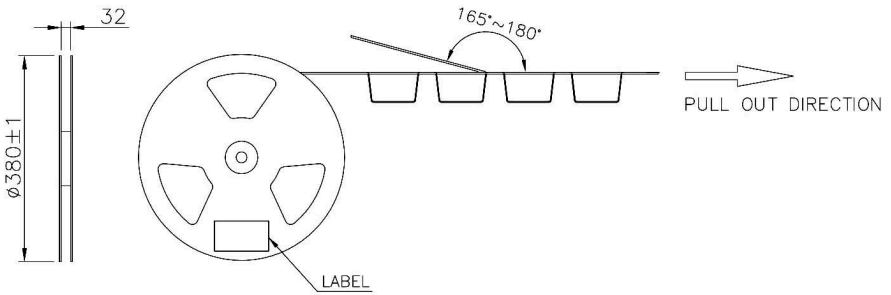
RoHS Compliant

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

APPD. 核准		Tolerance Unless Otherwise Specified	PART NAME 品名: USB 3.1 CONNECTOR TYPE C 24P FEMALE UPRIGHT SMT TYPE GOLD FLASH PALTING BLACK COLOR MATERIAL:LCP REEL PACKING SUPPORT GEN2 ROHS
DWG. 製圖	Betty	.X ~ ±0.35 .XX ~ ±0.25 .XXX ~ ±0.15 Angle ~ ± 3°	
DATE 制表日	2021/10/15	SCALE 比例: 參考 UNIT 單位: MM PAGE 張數: 1 OF 2	SIZE. 紙張尺寸: A4 REV. 版次: A PART NO. 料號: C8689-24CFNGBRR

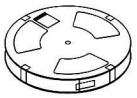


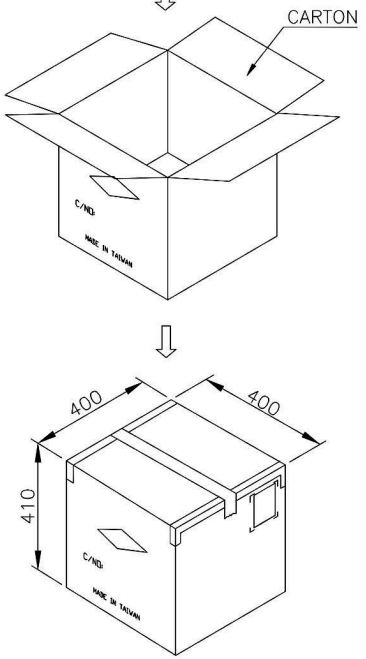




PACKAGE

1. SIZE :
   REEL : ø380 x 32 mm
   CARTON : 400 x 400 x 410 mm (LxWxH)
2. QUANTITY :
   450 PCS / REEL
   8 REEL / CARTON = 3,600 PCS





RoHS Compliant

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

APPD. 核准		Tolerance Unless Otherwise Specified: .X ~ ±0.35; .XX ~ ±0.25; .XXX ~ ±0.15; Angle ~ ± 3°	PART NAME 品名: USB 3.1 CONNECTOR TYPE C 24P FEMALE UPRIGHT SMT TYPE GOLD FLASH PALTING BLACK COLOR MATERIAL:LCP REEL PACKING SUPPORT GEN2 ROHS
DWG. 製圖	Betty	SCALE 比例: 參考	
DATE 制表日	2021/10/15	UNIT 單位: MM; SIZE. 紙張尺寸: A4	PART NO. 料號: C8689-24CFNGBRR
		PAGE 張數: 2OF 2; REV. 版次: A	