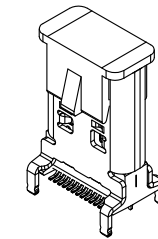


NOTES:

1. MATERIAL SPECIFICATION,
  - 1-1. HOUSING: LCP, COLOR:BLACK; 94 V-0;
  - 1-2. MOLDING HOUSING: LCP, COLOR:BLACK; 94 V-0;
  - 1-3. CAP: LCP, COLOR:BLACK; 94 V-0;
  - 1-4. CONTACTS: COPPER ALLOY NKE012;
  - 1-5. SHELL: STAINLESS STEEL SUS304;
  - 1-6. MIDDLE EMI SHELL: STAINLESS STEEL SUS301;
  - 1-7. EMI SHELL: STAINLESS STEEL SUS304;
2. PLATING SPECIFICATION,
  - 2-1. CONTACTS: 50u" MIN. Ni UNDERPLATED OVER ALL; GOLD PLATING ON CONTACT AREA (SEE TABLE); 100u" MIN. MATTE TIN PLATED ON SOLDER AREA;
  - 2-2. SHELL: 80u" MIN. Ni UNDERPLATED OVER ALL;
  - 2-3. MIDDLE EMI SHELL: 80u" MIN. Ni UNDERPLATED OVER ALL;
  - 2-4. EMI SHELL: CLEAN;
3. MECHANICAL PERFORMANCE,
  - 3-1. INSERTION FORCE: 0.5-2.0Kgf;
  - 3-2. REMOVAL FORCE: 0.6-2.0Kgf;
  - 3-3. DURABILITY: 10000 CYCLES;
4. ELECTRICAL PERFORMANCE,
  - 4-1. CURRENT RATING: 3.0A;
  - 4-2. VOLTAGE RATING: 5.0V;
  - 4-3. LLGR: VBUS,GND AND OTHER PINS: 40mΩ MAX. Δ 10mΩ MAX. ;
  - 4-4. INSULATION RESISTANCE: 100MΩ MIN. ;
5. RoHS 2.0 AND HF COMPLIANT,
6. ENVIRONMENTAL PERFORMANCE:
  - 6-1. OPERATING TEMPERATURE: -55°C~+85°C;
7. RECOMMENDED PROCESS:
  - 7-1. THE PEAK TEMPERATURE ON THE BOARD SHALL MAINTAIN 10±1 SECONDS AT 260±5°C .



RoHS Compliant

TOLERANCES ARE

**MORETHANALL**  
PCB CONNECTORS  
Cable ASSEMBLIES

DRAWING BY CY

X, ±

CHECKED BY GENIUS

.X ± 0.35

UNIT / mm

SCALE 1 : 1

.XX ± 0.25

DATE

.XXX ± 0.15

ANG ±

SIZE A4

PJECTION

照片框

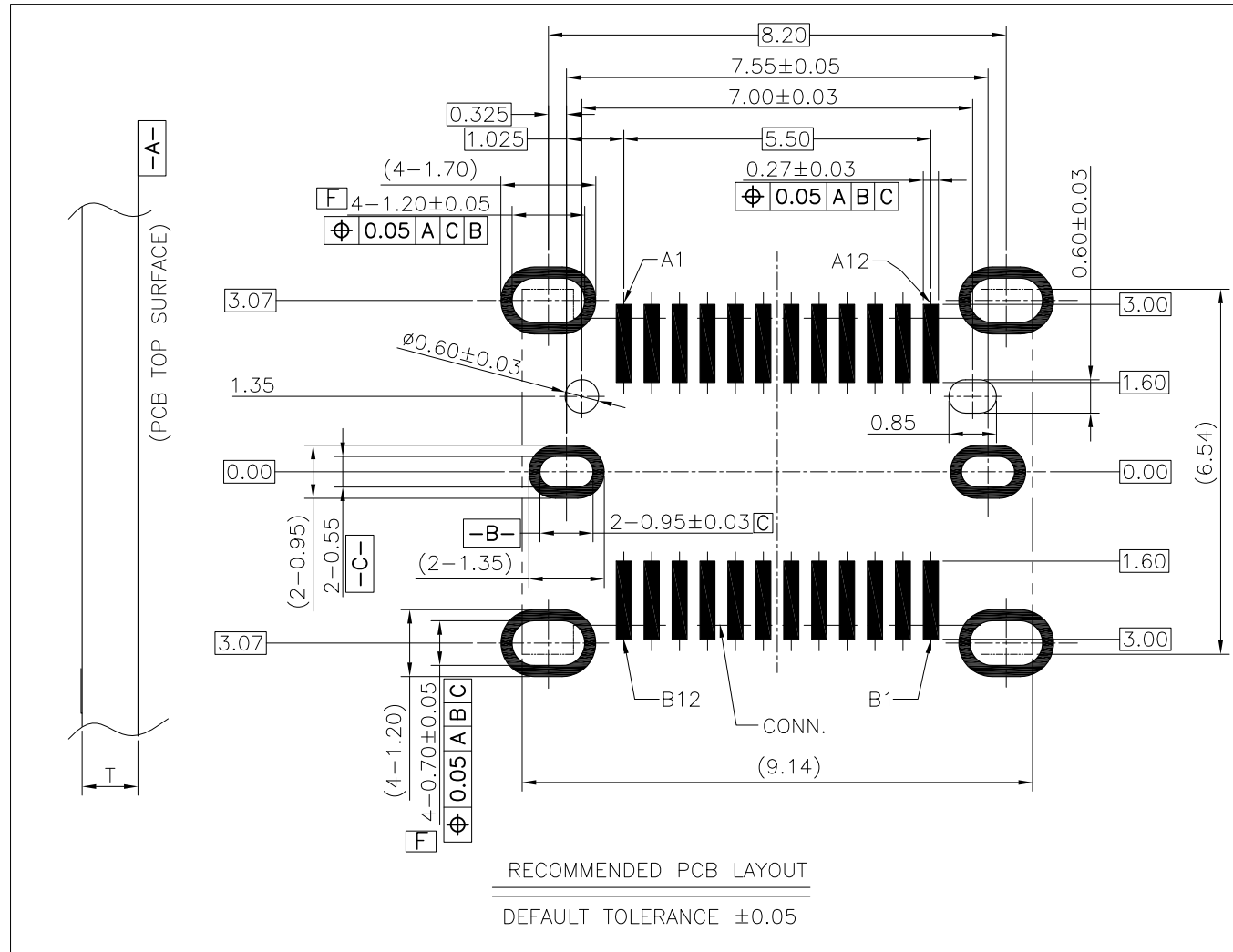
ORDER INFORMATION

USB-SV12MMMOCR-24C-LF  
SERIES | | | | | LEADFREE  
FEMALE | | | | | REEL  
180°SMT | | | | | CAP  
HIGH 12.0mm | | | | | NON SPRING  
METAL FOOT

DESCRIPTION:

煜倫股份有限公司

www.morethanall.com



Type c pin Assignments

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

RoHS Compliant

TOLERANCES ARE

**MORETHANALL**  
 PCB CONNECTORS  
 Cable ASSEMBLIES

煜倫股份有限公司

www.morethanall.com

DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm SCALE 1 : 1

DATE

SIZE A4

X, ±  
 .X ± 0.35  
 .XX ± 0.25  
 .XXX ± 0.15  
 ANG ±

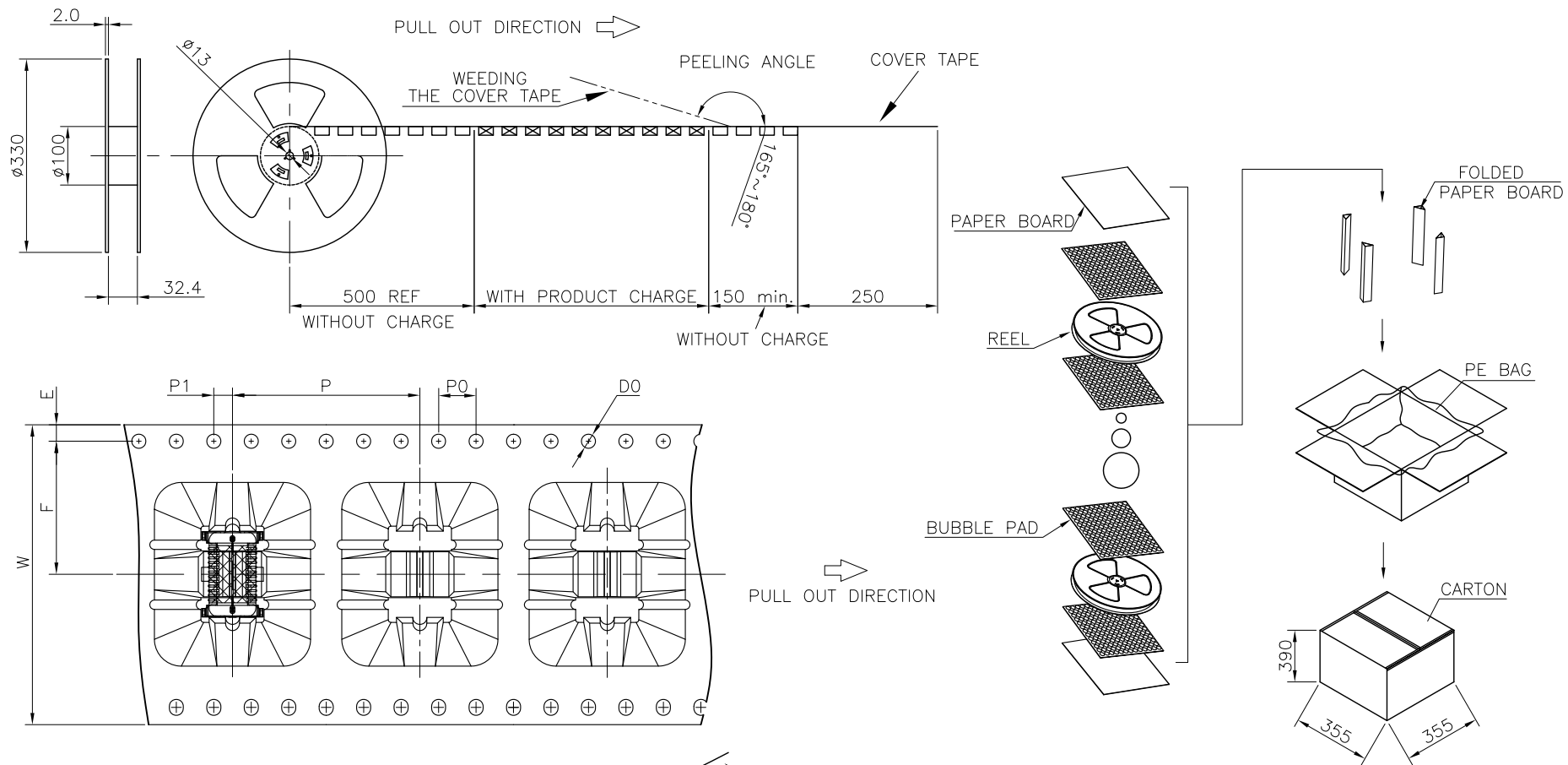
PJECTION

照片框

ORDER INFORMATION

USB-SV12MMXCR-24C-LF  
 SERIES | | | | | LEADFREE  
 FEMALE | | | | | 24 PIN C TYPE  
 180°SMT | | | | | REEL  
 HIGH 12.0mm | | | | | CAP  
 | | | | | NON SPRING  
 | | | | | METAL FOOT

DESCRIPTION:



NOTE:  
1. QUANTITY: 250PCS/REEL, 2500PCS/CARTON.

W	32.00±0.30	P0	4.00±0.10
E	1.75±0.10	P1	2.00±0.10
F	14.20±0.10	D0	1.50 <sup>+0.10</sup> <sub>-0.00</sub>
P	16.00±0.10	K0	15.35±0.20

**RoHS Compliant**

TOLERANCES ARE

**MORETHANALL**  
PCB CONNECTORS  
Cable ASSEMBLIES  
**煜倫股份有限公司**  
www.morethanall.com

DRAWING BY CY  
CHECKED BY GENIUS  
UNIT / mm SCALE 1 : 1  
DATE  
SIZE A4 PPROJECTION

X. ±  
.X ± 0.35  
.XX ± 0.25  
.XXX ± 0.15  
ANG ±



**ORDER INFORMATION**

USB-SV12MMXCR-24C-LF  
SERIES | | | | | LEADFREE  
FEMALE | | | | | 24 PIN C TYPE  
180°SMT | | | | | REEL  
HIGH 12.0mm | | | | | CAP  
NON SPRING  
METAL FOOT

DESCRIPTION: