

RoHS

REV.

ECN.#

DESCRIPTION

NAME

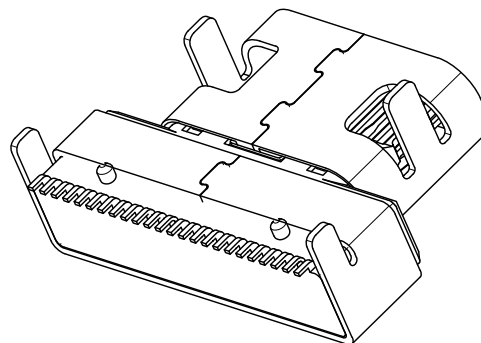
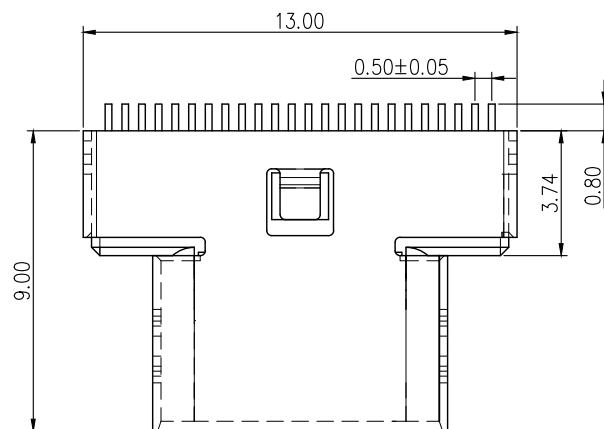
DATE

A0

NEW RELEASE

HZP

2023.01.02



NOTES:

1. MATERIAL:

1.1 HOUSING: LCP; COLOR: BLACK

1.2 TERMINAL: C7025

1.3 SHELL: SUS304

1.4 MID PLATE: SUS301

2. FINISH:

2.1 TERMINAL: G/F PLATED ON CONTACT AREA;
G/F PLATED ON SOLDER AREA;
Ni 30u" MIN. UNDERPLATED OVERALL.

2.2 SHELL: Ni 30u" MIN. PLATED OVERALL

2.3 MID PLATE: CLEANING.

3. ELECTRICAL SPECIFICATION:

3.1 RATED CURRENT: VBUS AND GND PIN 5.0A;
Other pin 0.25A

3.2 CONTACT RESISTANCE: 40mΩ MAX(INITIAL). 50mΩ MAX (AFTER).

3.3 INSULATION RESISTANCE: 100MΩ MIN.

3.4 DIELECTRIC WITHSTANDING VOLTAGE: 100V AC R.M.S.

4. MACHINERY SPECIFICATION:

4.1 MATING FORCE: 5N~20N.

UNMATING FORCE: 8N~20N. (AFTER TEST: 6N~20N).

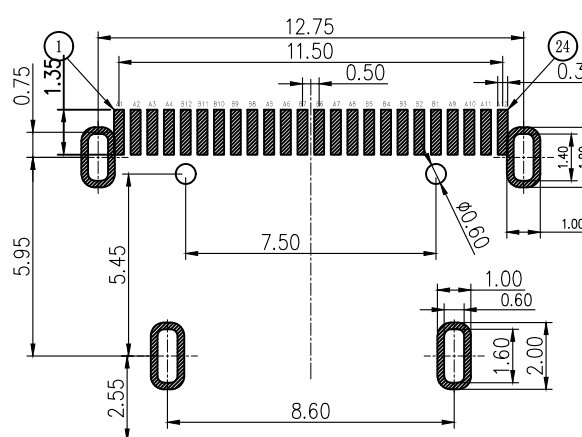
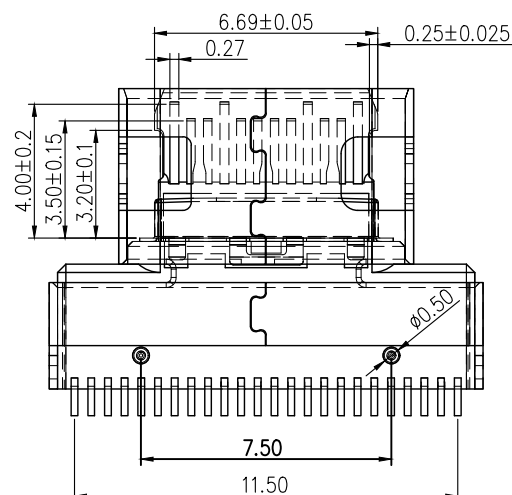
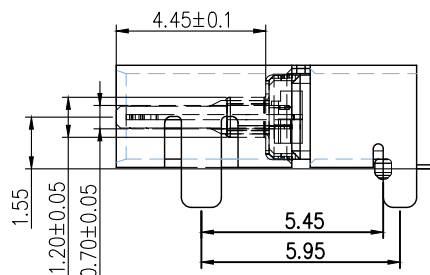
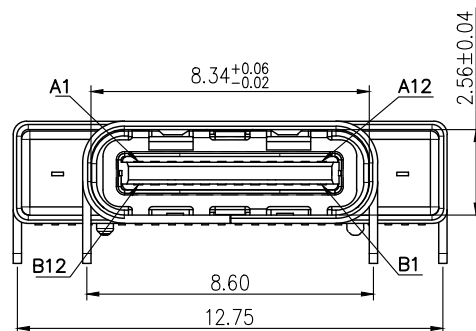
4.2 DURABILITY: 10000 CYCLES MIN.

5. ENVIRONMENTAL SPECIFICATION

5.1 OPERATING CONDITION: TEMPERATURE -30°C~+85°C;
HUMIDITY 80% R.H MAX

5.2 SALT SPRAY: 24H

6. SOLDER ABILITY: 245±5°C, 5±0.5s

7. IR REFLOW: THE PEAK TEMPERATURE ON THE BOARD SHALL BE
MAINTAINED FOR 10 SECONDS AT 260°C.

RECOMMENDED PCB LAYOUT(TOP VIEW)

PIN NUMBER	SIGNAL NAME	PIN NUMBER	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

MILLIMETERS	INCH
X." ±2"	X." ±2"
.X ±0.30	.X ±0.012
.XX ±0.20	.XX ±0.008
.XXX ±0.10	.XXX ±0.004

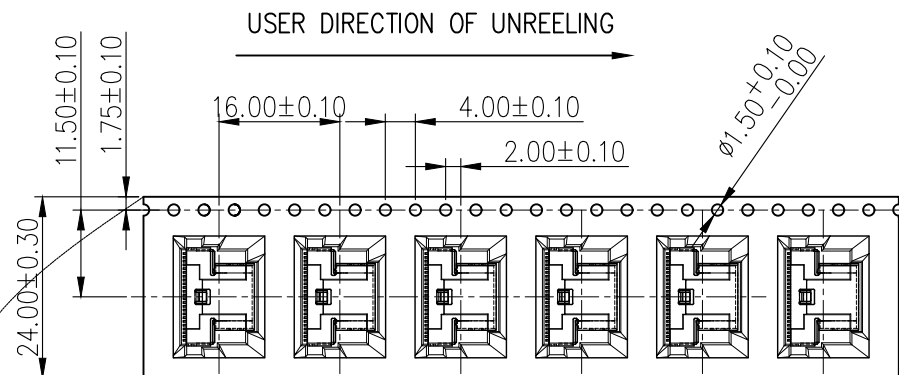
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东莞市金比莱五金塑胶科技有限公司
DONGGUAN JBL TECH CO., LTD

TITLE	USB4 TYPE C 24PIN 母座	DR	
PART NO.	1043113862	CHKD	
PRO J.	PAGE 1/2	UNITS mm	APPD
SIZE	A4	SCALE 1:1	DIS NO.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
A1	A2	A3	A4	B12	B11	B10	B9	B8	A5	A6	B7	B6	A7	A8	B5	B4	B3	B2	B1	A9	A10	A11	A12

RoHS

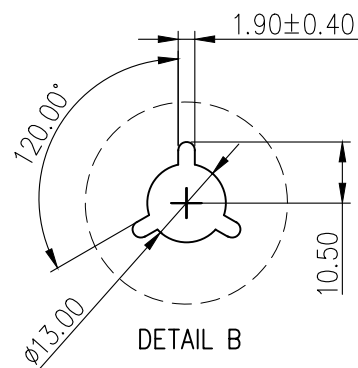
COVER TAPE PEELING ANGLE: $165^\circ \sim 180^\circ$

PEELING FORCE: 20~130g

CARRIER TAPE

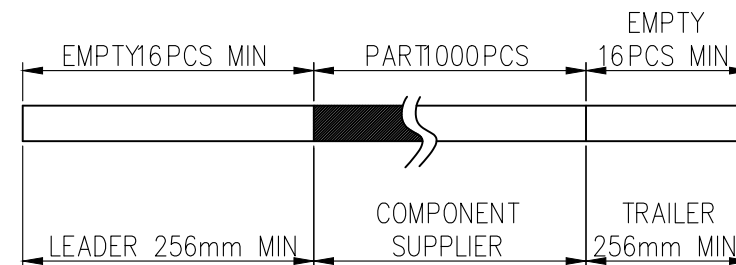
USER DIRECTION OF UNREELING

DETAIL B

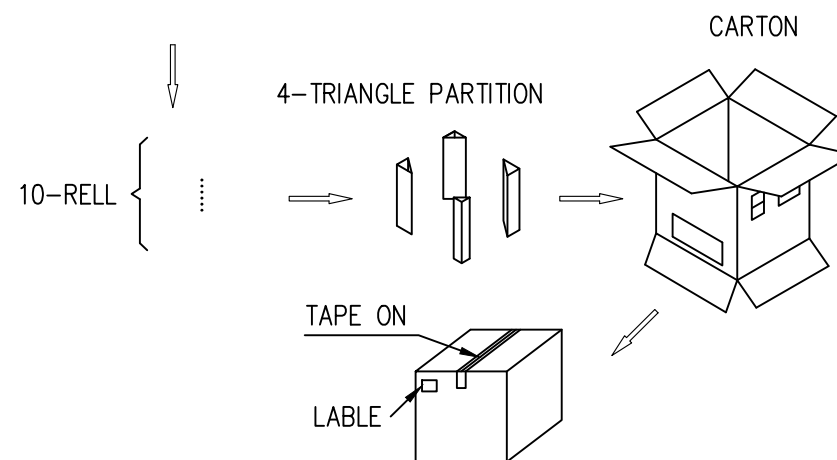


NOTES

1. NUMBER OF CONNECTORS: 1000PCS/REEL
2. LEAD TAPE LENGTH



3. QUANTITY: 10000PCS/CARTON



MILLIMETERS	INCH	 东莞市金比莱五金塑胶科技有限公司 DONGGUAN JBL TECH CO., LTD			
X." ± 2 "	X." ± 2 "				
.X ± 0.30	.X ± 0.012	TITLE USB4 TYPE C 24PIN 母座 单排 L=9.0 SMT (40G) DR			
.XX ± 0.20	.XX ± 0.008				
.XXX ± 0.10	.XXX ± 0.004	PART NO. 1043113862 CHKD			
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		SIZE	A4	SCALE 1:1	DIS NO.