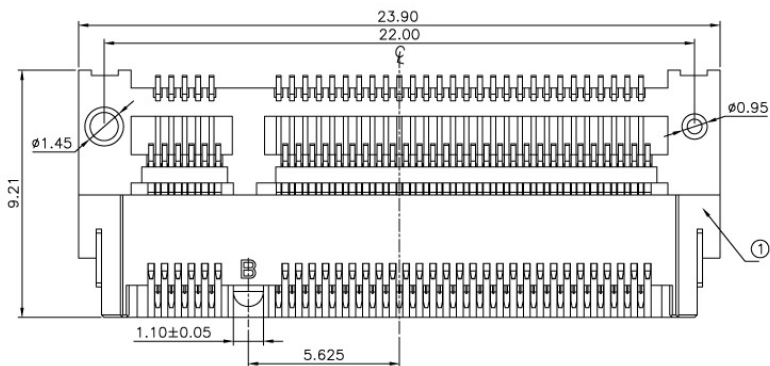


HOW TO MATE AND UNMATE
MATE: ①-②
UNMATE: ③

NOTES:

1.MATERIAL SPECIFICATION

- 1-1.HOUSING: LCP+30% G.F UL94 V-0.
- 1-2.CONTACT: C5210-SH T=0.15mm.
- 1-3.LEG: C2680-EH T=0.20mm.

2.PLATING SPECIFICATION

- 2-1.CONTACT: NI50u" UNDER PLATED, GOLD FLASH PLATED ON THE FUNCTIONAL ARE OF CONTACT, GOLD PLATING OR TIN ON SOLDER AREA.
- 2-2.LEG: MATTE TIN 50u" MIN. OVER ALL, NICKEL 50u" MIN. UNDERPLATED.

3.MECHANICAL PERFORMANCE

- 3-1.INSERTION FORCE: 20N MAX.
- 3-2.WITHDRAWAL FORCE: 20N MAX.
- 3-3.DURABILITY: 60 CYCLES.
- 3-4.VIBRATION: NO ELECTRICAL DISCONTINUITY GREATER THAN 1u SEC. SHALL OCCUR
- 3-5.MECHANICAL SHOCK: 285G HALF SINE/6 AXIS. NO ELECTRICAL DISCONTINUITY GREATER THAN 1u SEC. SHALL OCCUR;

4.ELECTRICAL PERFORMANCE

- 4-1.CURRENT RATING: 0.5A (PER PIN).
- 4-2.CURRENT RATING: 50V AC (PER PIN).
- 4-3.LLCR: CONTACT: 55mΩ MAX(INITIAL), 20mΩ MAX. CHANGE ALLOWED(FINAL).
- 4-4.INSULATION RESISTANCE: 5000MΩ MIN. AT 500V DC.
- 4-5.DIELECTRIC WITHSTAND VOLTAGE: 300V AC/60S.

5.IR REFLOW:

THE PEAK TEMPERATURE ON BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260±5°C.

6.OPERATING TEMPERATURE RANGE: -40°C~85°C(WITHOUT LOSS FUNCTION).

7.RoHS COMPLIANT OR HALOGEN FREE COMPLIANT.



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TOLERANCE:

X.X ±0.30
X.XX ±0.25
X.XXX ±0.15

X' ±2" X.X' ±0.5"



UNIT: mm [inch]

SCALE:1:1

SIZE: A4

DRAWN BY :

陈一鸣

DATE :

2014-02-23

CHECKED BY:

马跃

DATE :

2014-02-23

APPROVED BY:

邱国夷

DATE :

2014-02-23

PART NAME:

NGFF M.2 B KEY 1.7H 0.5PH

PART NO.

HYC05B-05NGFF-170

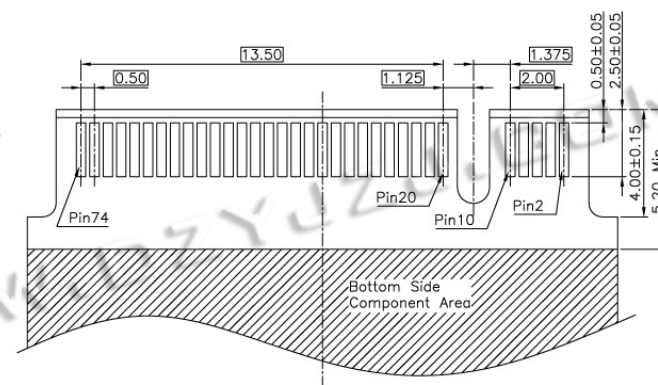
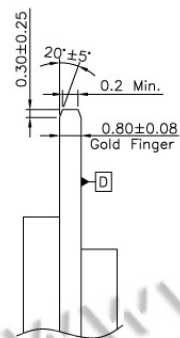
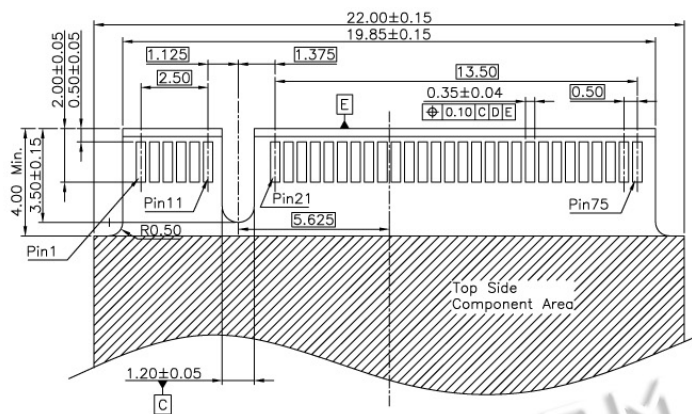
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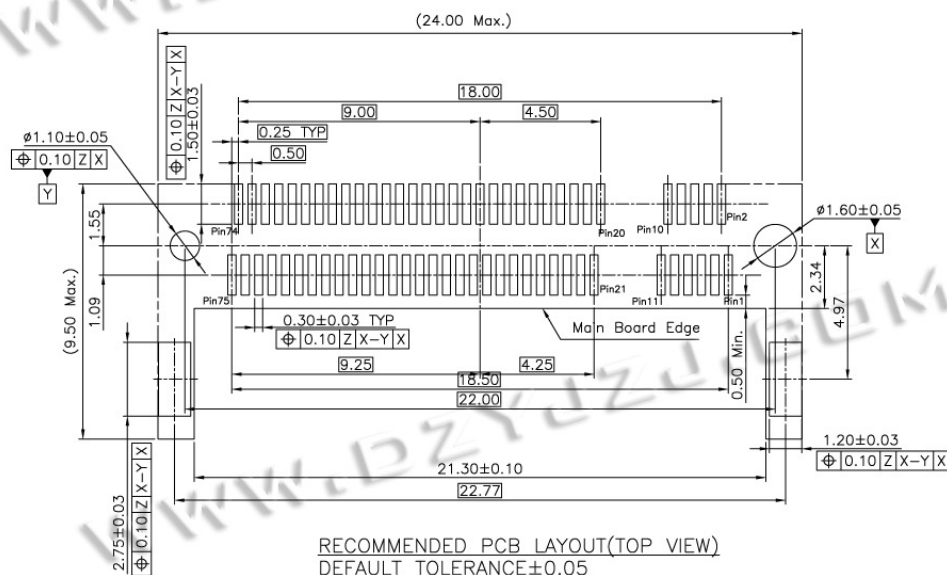
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SHEET NO.

1 OF 1



RECOMMENDED MOULD FINGER LAYOUT



RECOMMENDED PCB LAYOUT(TOP VIEW)
DEFAULT TOLERANCE±0.05



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TOLERANCE:

X.X ±0.30

X.XX ±0.25

X.XXX ±0.15

X' ±2° X.X' ±0.5°

UNIT: mm [inch]

SCALE:1:1 SIZE: A4

DRAWN BY :

陈一鸣

DATE :

2014-02-23

PART NAME:

NGFF M.2 B KEY 1.7H 0.5PH

CHECKED BY:

马跃

DATE :

2014-02-23

PART NO.

HYC05B-05NGFF-170

APPROVED BY:

邱国夷

DATE :

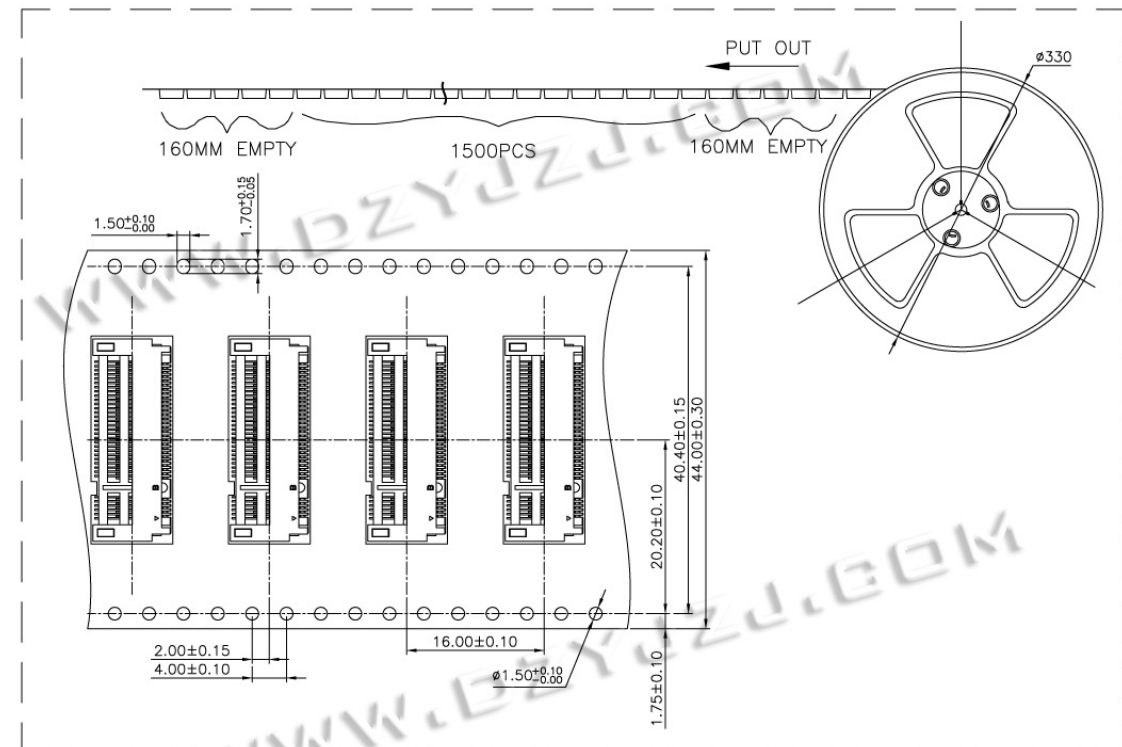
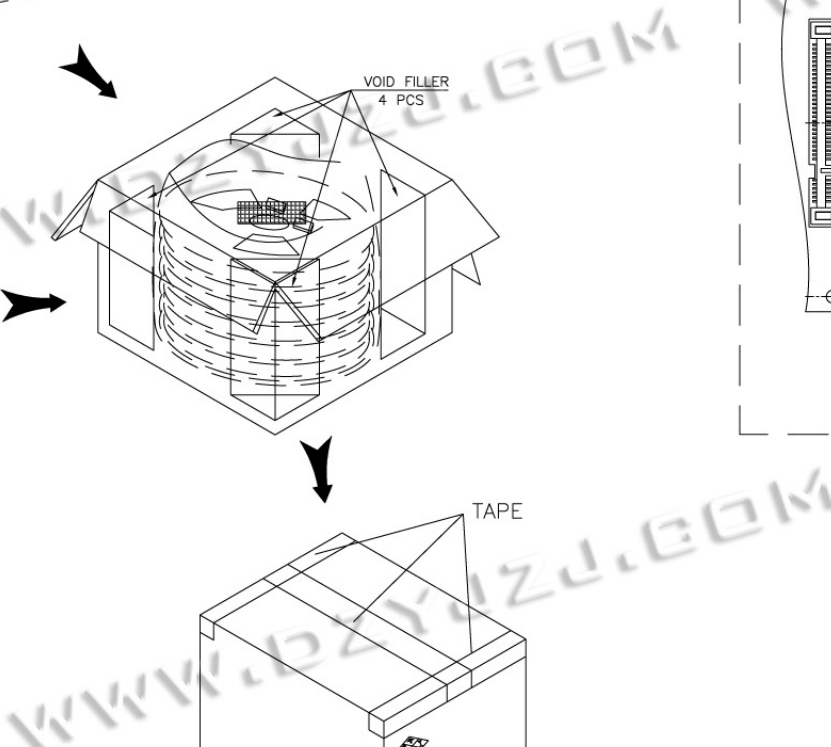
2014-02-23

DRAW NO:

HYC-NG17090611

SHEET NO.

1 OF 1



- NOTES:
1. PEEL OFF FORCE OF TOP TAPE: 0.1~1.3N;
 2. 1500 PCS/REEL, 10500 PCS/CARTON;
 3. CARTON SIZE: 350*350*380MM.K=K.



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TOLERANCE:		DRAWN BY : 陈一鸣	DATE : 2014-02-23	PART NAME:	
X.X ±0.30 X.XX ±0.25 X.XXX ±0.15 X: ±2° X.X° ±0.5°				NGFF M.2 B KEY 1.7H 0.5PH	
		CHECKED BY:	DATE :	PART NO.	HYC05B-05NGFF-170
		马跃	2014-02-23	MOLD NO.	
UNIT: mm [inch]		APPROVED BY:	DATE :	DRAW NO:	HYC-NG17090611
SCALE:1:1	SIZE: A4	邱国夷	2014-02-23	SHEET NO.	1 OF 1