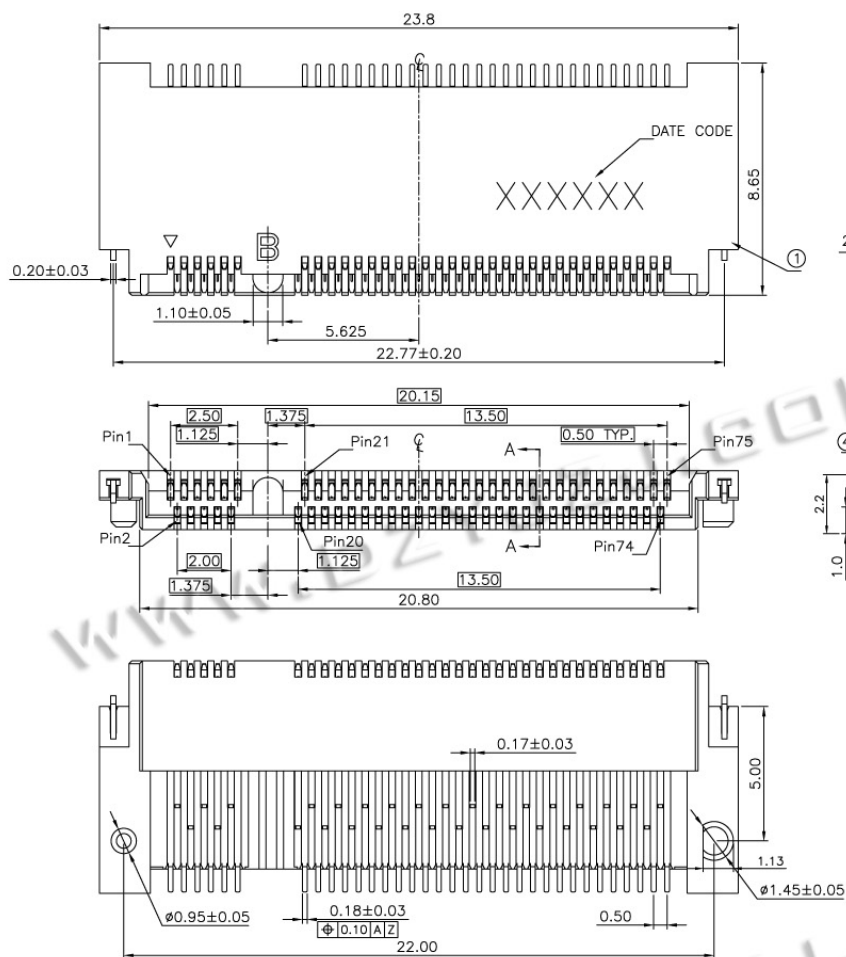




SECTION A-A

NOTES:

1.MATERIAL SPECIFICATION

1-1.HOUSING: LCP+30% G.F UL94 V-0.

1-2.CONTACT: C5210-SH T=0.12mm.

1-3.LEG: C2680-EH T=0.20mm.

2.PLATING SPECIFICATION

2-1.CONTACT: NI50u" UNDER PLATED,GOLD FLASH PLATED ON THE FUNCTIONAL AREA 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.

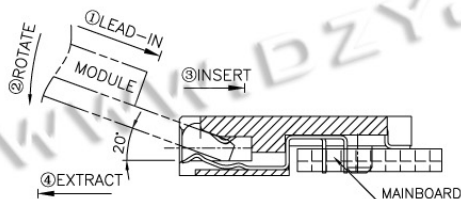
4-5.DIELECTRIC WITHSTAND VOLTAGE: 300V AC/60S.

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.



HOW TO MATE AND UNMATE

MATE: ①-②-③

UNMATE: ④



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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 1.2H 0.5PH

CHECKED BY:

马跃

DATE :

2014-02-23

PART NO.

HYC03B-05NGFF-120

APPROVED BY:

邱国夷

DATE :

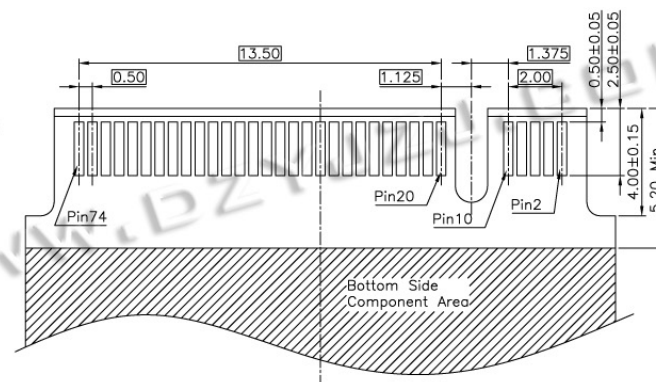
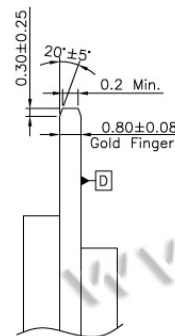
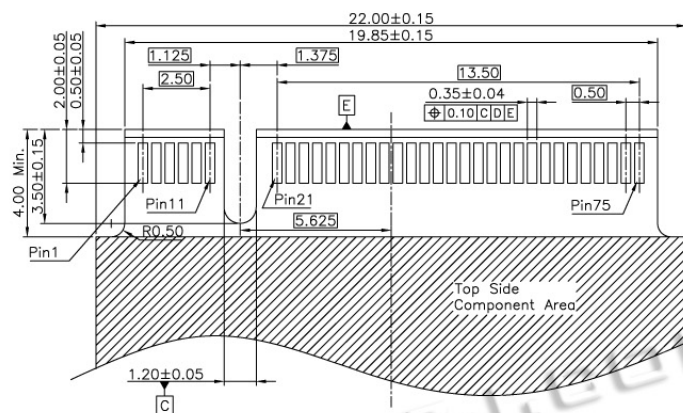
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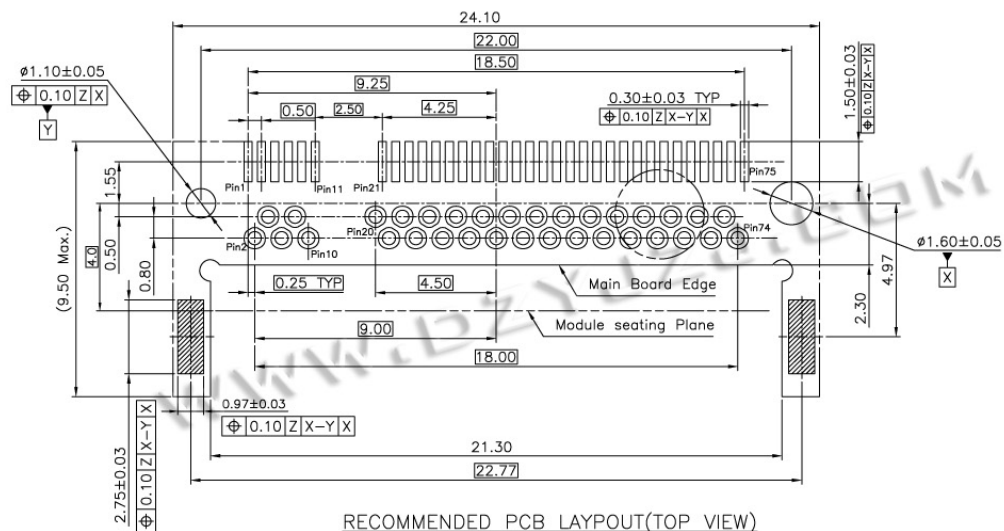
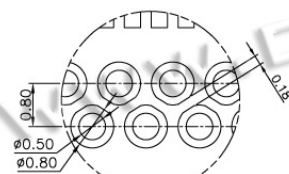
HYC-NG17090417

SHEET NO.

1 OF 1

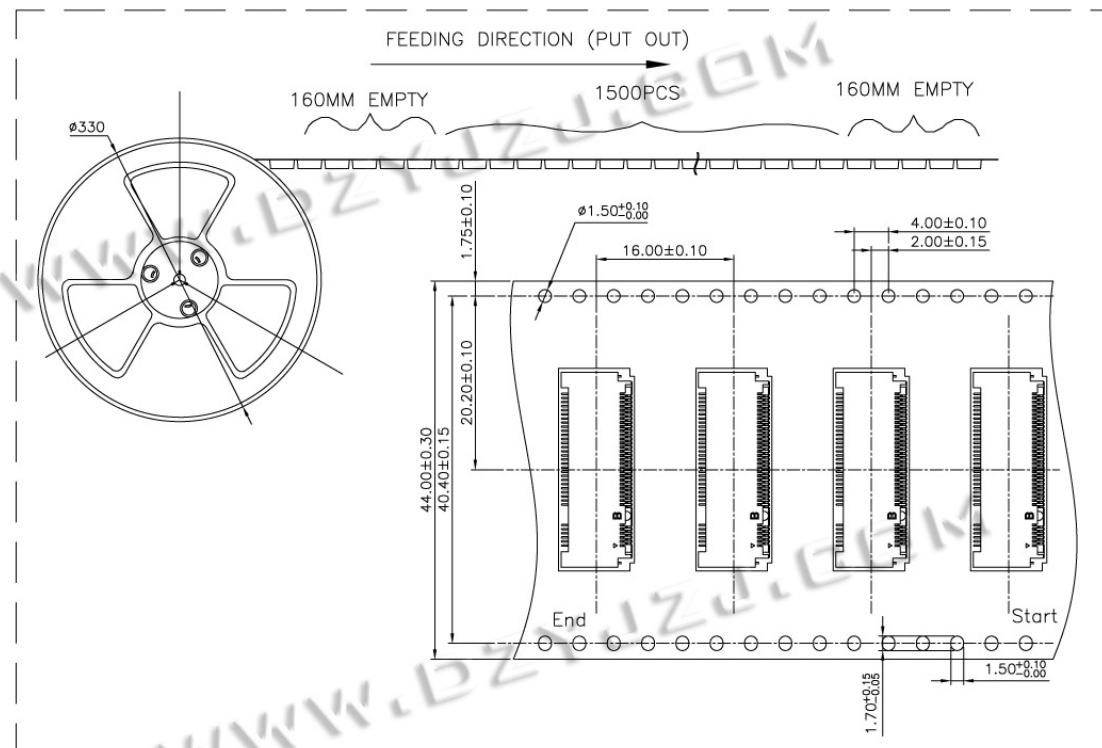
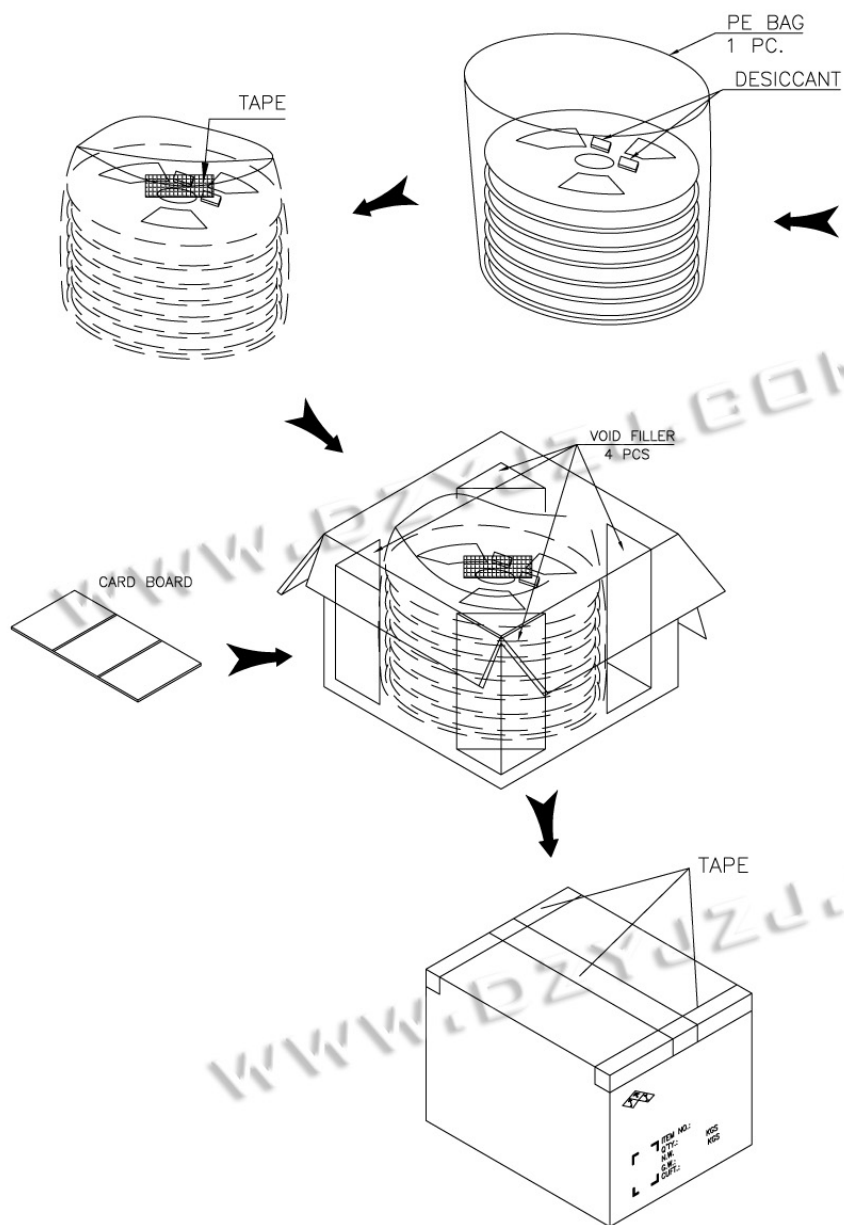


RECOMMENDED MOULD FINGER LAYOUT

RECOMMENDED PCB LAYOUT(TOP VIEW)
DEFAULT TOLERANCE±0.05DETAIL I
2 : 1

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TOLERANCE: X.X ±0.30 X.XX ±0.25 X.XXX ±0.15 X' ±2" X.X' ±0.5"	DRAWN BY : 陈一鸣	DATE : 2014-02-23	PART NAME: NGFF M.2 B KEY 1.2H 0.5PH
	CHECKED BY: 马跃	DATE : 2014-02-23	PART NO. HYC03B-05NGFF-120
 UNIT: mm [inch] SCALE:1:1 SIZE: A4	APPROVED BY: 邱国夷	DATE : 2014-02-23	DRAW NO: HYC-NG17090417
			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: X.X ±0.30 X.XX ±0.25 X.XXX ±0.15 X' ±2' X.X' ±0.5'		DRAWN BY : 陈一鸣	DATE : 2014-02-23	PART NAME: 包装图	
CHECKED BY: 马跃		DATE : 2014-02-23	PART NO.		
APPROVED BY: 邱国夷		DATE : 2014-02-23	MOLD NO.		
UNIT: mm [inch] SCALE:1:1 SIZE: A4			DRAW NO:		
			SHEET NO.	1 OF 1	