

- Notes:
1. MATERIAL SPECIFICATION:
    - 1.1. HOUSING: LCP+40%GF, UL94V-0, COLOR: BLACK.
    - 1.2. CONTACT: COPPER ALLOY.
    - 1.3. PEG: STEEL.
  2. PLATING SPECIFICATION:
    - 2.1. CONTACT: 50u" MIN. NICKEL UNDER PLATING OVER ALL PLATING ON SOLDER AREA; SEE TABLE GOLD PLATING ON CONTACT AREA; SEE TABLE
    - 2.2. PEG: 50u" MIN. NICKEL UNDER PLATING OVER ALL. 80u" MIN. MATTE TIN PLATING ON SOLDER AREA.
  3. HF COMPLIANT, ROHS COMPLIANT.
  4. MECHANICAL PERFORMANCE:
    - 4.1. DURABILITY: SEE TABLE
  5. ELECTRICAL PERFORMANCE:
    - 5.1. CURRENT: 0.5A PER PIN.
    - 5.2. ILCR: INITIAL 55mΩ MAX.; FINAL ΔILCR=20mΩ MAX.
  6. IR REFLOW:

THE TEMPERATURE SHALL BE 260±5°C. MAINTAINING 10±1 SECONDS.

# Ordering Information

NGFF17-E 420M GF-001D

A: A-KEY  
B: B-KEY  
E: E-KEY  
M: M-KEY

高度

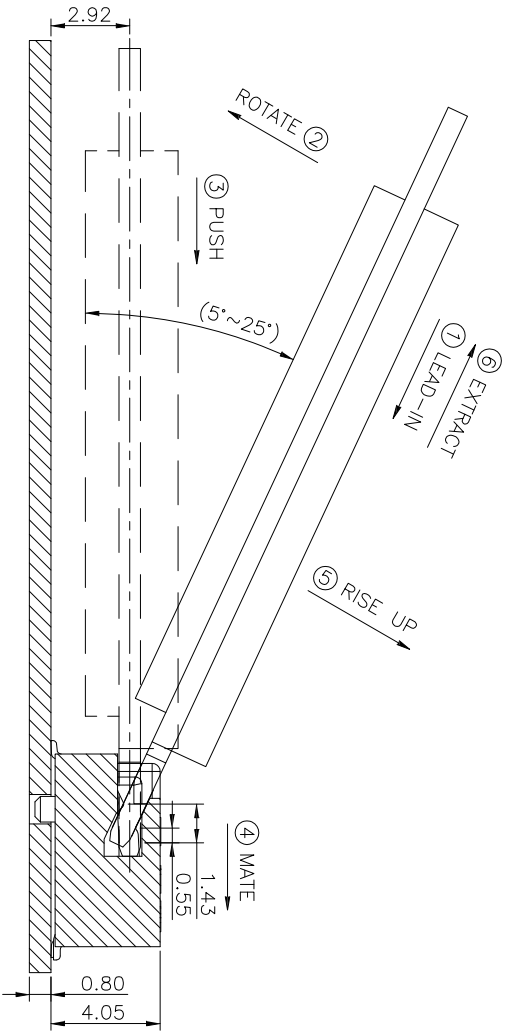
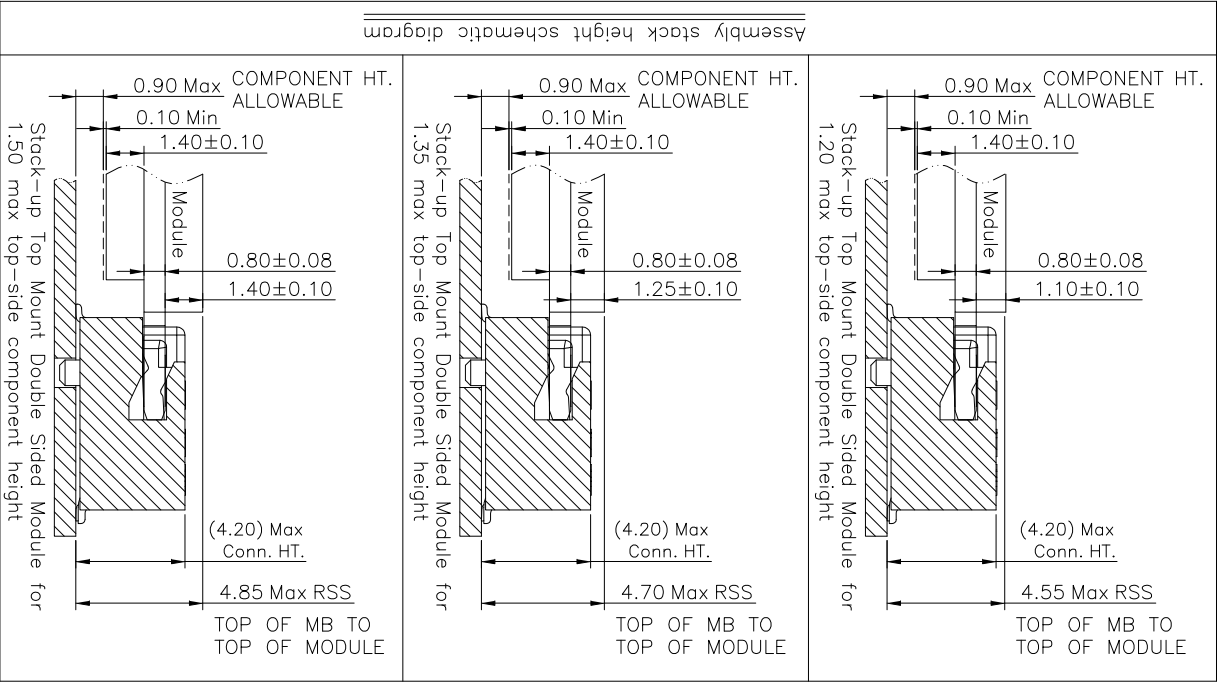
GF: 镀半金锡G/F  
U3: 镀半金锡3U"  
U15: 镀半金锡15U"

WLDCONN		DESCRIPTION(内容):		DRAWN(制图): <i>David</i>		GENERAL TOLERANCE: (公差)		REV: A/0		REV		DESCRIPTION		DATE	
深圳市威连达电子科技有限公司		M.2 (NGFF) CONNECTOR STANDARE TYPE 0.5MM PITCH, 67P CIRCUITS, 4.2H KEY E		CHECKED(审核):		X XX XXX ANG  ±0.20 ±0.15 ±0.10 ±9°		UNIT:		1					
								mm		2					
								SIZE:							
PART NO:		NGFF17-E420MGF-001D		APPROVAL(核准):		SCALE(比例):		A4		3					
(料 號)						XX:XX		SHEET		1/4		4			
DWG NO(圖號):		WLD-DWG-M2-017													
SHENZHEN WLD ELECTRONIC TECHNOLOGY CO., LTD															

WLDCONN

深圳市威连达电子科技有限公司

SHENZHEN WLD ELECTRONIC TECHNOLOGY CO., LTD



#### HOW TO MATE AND EXTRACT

MATE: ① → ④

EXTRACT: ⑤ → ⑥

NOTE: Mating force will generate from step 3 to step 4.

## WLDCONN

深圳市威连达电子科技有限公司

SHENZHEN WLD ELECTRONIC TECHNOLOGY CO., LTD

#### DESCRIPTION(内容):

M.2 (NGFF) CONNECTOR STANDARE TYPE  
0.5MM PITCH, 67P CIRCUITS, 4.2H KEY E

PART NO: NGFF17-E420MGF-001D

DWG NO(图号): WLD-DWG-M2-017

#### DRAWN (制图):

CHECKED (审核):

APPROVAL (核准):

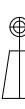
#### GENERAL TOLERANCE:

(公差)

X ±0.20  
XX ±0.15  
XXX ±0.10  
ANG ±5°

SCALE(比例):

XX:XX



REV: A/0

UNIT: mm

SIZE: 2

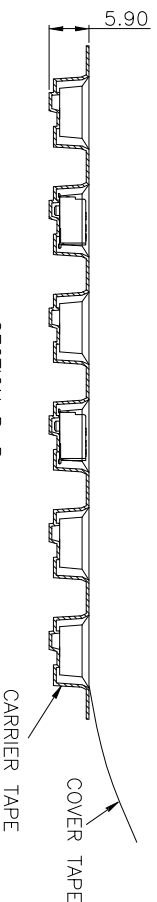
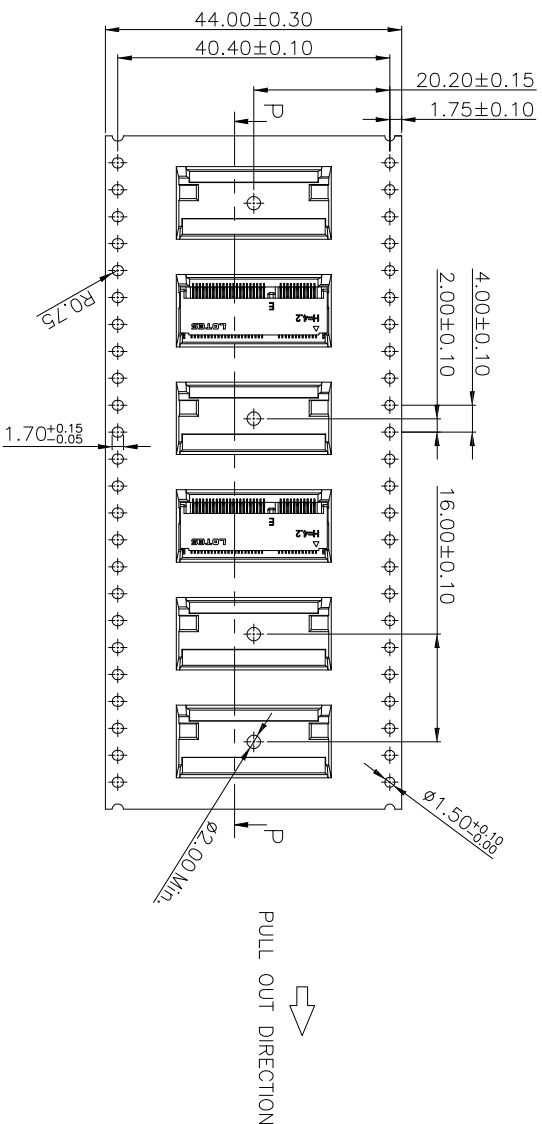
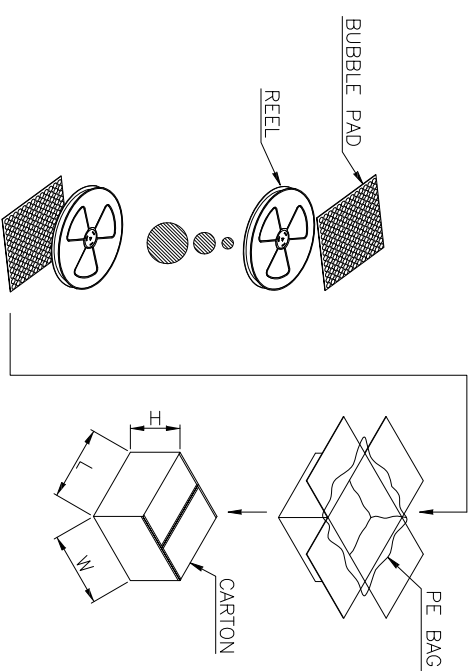
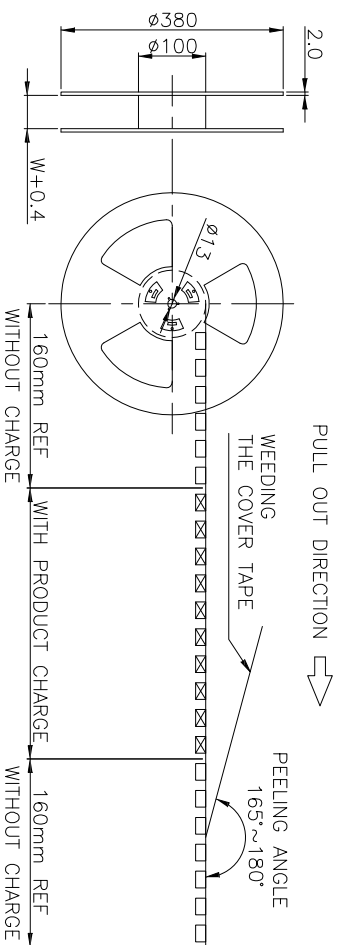
SHEET: 3

2/4

#### DESCRIPTION

#### DATE





WLDCONN

DESCRIPTION(内容):

M.2 (NGFF) CONNECTOR STANDARE TYPE  
0.5MM PITCH, 67P CIRCUITS, 4.2H KEY E

DRAWN (制图): *David*

CHECKED (审核):

GENERAL TOLERANCE:  
(公差)

UNIT: A/0

SCALE(比例):  
XX:XX

REV: A/0

REV

DESCRIPTION

DATE

SIZE: mm

1

2

3

4

PCS/REEL

PCS/CARTON

900

5400

DATE

深圳市威连达电子科技有限公司

SHENZHEN WLD ELECTRONIC TECHNOLOGY CO., LTD

PART NO:

NGFF17-E420MGF-001D

APPROVAL (核准):

SCALE(比例):  
XX:XX

UNIT: A/0

REV: A/0

REV

DESCRIPTION

DATE

DATE

DWG NO(图号): WLD-DWG-M2-017

APPROVAL (核准):

SCALE(比例):  
XX:XX

UNIT: A/0

REV: A/0

REV

DESCRIPTION

DATE

DATE