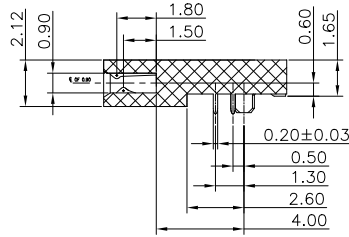
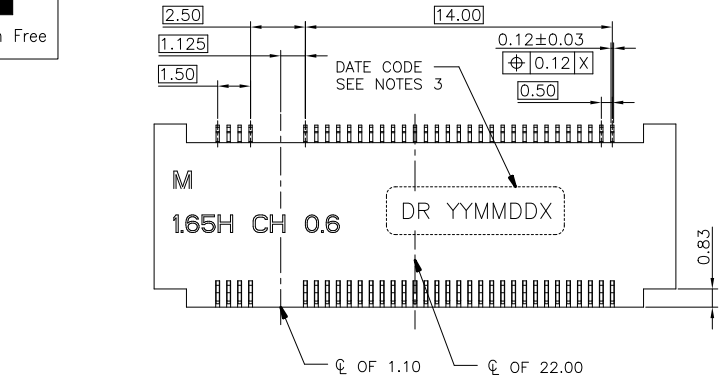
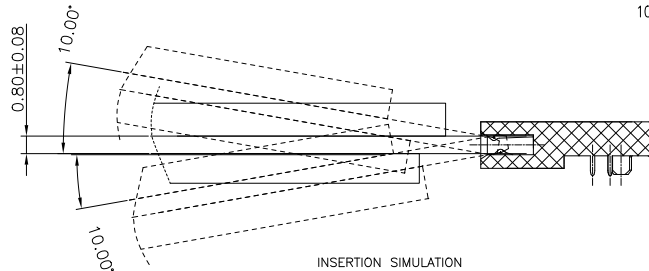
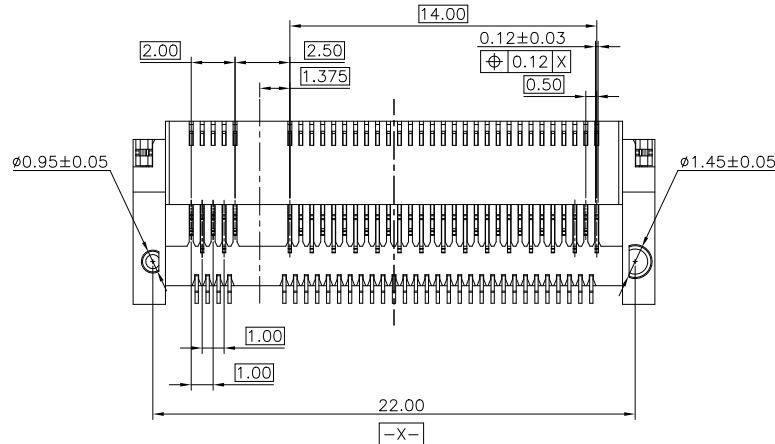
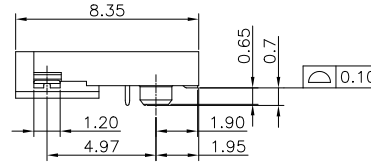
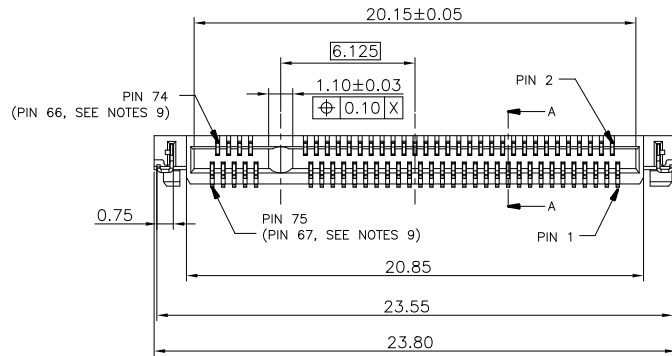


REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A			INITIAL RELEASE	2024.01.24	Sid Guo

SECTION A-A
SCALE 1:1

INSERTION SIMULATION

NOTES:
PRODUCT MUST MEET CONTROLLED SUBSTANCES SPEC. ROHS 2.0 AND
MEET DEREN CONTROLLED SUBSTANCES SPEC PER WI-PB-S-010
1.MATERIAL:

- 1.1 HOUSING:LCP, UL94V.0; COLOR: BLACK
- 1.2 CONTACT PHOSPHOR BROZNE.
- 1.3 SOLDER PEG AND LATCH:STAINLESS STEEL.

2.FINISH:

- 2.1 CONTACT: 50u" MIN NICKEL UNDERPLATED ALL OVER.
GOLD FLASH PLATING ON SOLDERTAIL.
GOLD PLATING (SEE NOTE 10) ON CONTACT AREA.
- 2.2 SOLDER PEG:
MATTE TIN 100u" MIN. AND NICKEL 50u" MIN UNDERPLATED.

3.LOGO&DATE CODE:

- LOGO: DR OR DEREN
DATECODE: YYWDLX
YY: YEAR (09: 2009)
WW: WEEK (25: THE 25TH WEEK)
D: DAY (1~7: SUNDAY~SATURDAY)
L: LINE NUMBER OF ASSEMBLY (A: LINE A)
X: MANUFACTURE CODE

4.REFLOW SOLDER CAPABLE TO 260°C 10 SEC.

5.ELECTRICAL CHARACTERISTICS :

- 5.1 CURRENT RATING:0.5AMP.
- 5.2 CONTACT RESISTANCE:55 MILLIOHMS MAX. INITIAL,
20 MILLIOHMS MAX. CHANGE AFTER TEST.
- 5.3 IMPEDANCE:85±10% OHMS
- 5.4 INSULATION RESISTANCE:500 MEGOHMS MIN. INITIAL
100 OHM MIN. CHANGE AFTER TEST.
- 5.5 DIELECTRICAL WITHSTAND VOLTAGE:300V AC
MIN.AT SEA LEVEL.

6.MECHANICAL CHARACTERISTICS:

- 6.1 INSERTION FORCE:20N MAX.PER CONTACT PAIR.
- 6.2 DURABILITY:60 MATING AND UNMATING CYCLES.

7.ENVIRONMENTAL CHARACTERISTICS:

- OPERATING TEMPERATURE RANGE:40°C TO +80°C.

8.RECOMENDED STENCIL THICKNESS:0.12MM MIN.

9.CONNECTOR ACTUAL PIN QUANTITY IS 67,
AS THE KEY TAKING OUT 8 PINS.

10.PART NUMBER DESCRIPTION:

40-42547-067 B X R HF

- HALOGEN CODE:
HF:HALOGEN FREE
R:TAPE & REEL PACKING
PLATING CODE:
1: AuGF 2: Au5u"
3: Au10u" 4: Au15u" 5: Au30u"
KEY TYPE:
B: KEY M
PIN NUMBER CODE:
067: 67 PINS

TABLE 1:

PART NUMBER	DESCRIPTION
40-42547-067B1RHF	Au G/F ON CONTACT AREA
40-42547-067B2RHF	Au 5u" ON CONTACT AREA
40-42547-067B3RHF	Au 10u" ON CONTACT AREA
40-42547-067B4RHF	Au 15u" ON CONTACT AREA
40-42547-067B5RHF	Au 30u" ON CONTACT AREA

DIM	TOL	DIM	TOL
X.	±0.30	X.	±2°
.X	±0.25	.X	±1°
.XX	±0.15		

**DEREN**

SHENZHEN DEREN ELECTRONIC CO., LTD

DRAW NO.

SC1600798-2

REV.

A

C-DWG:

TY

DATE

DESIGN:

Sid Guo

2024.01.24

CHECK:

Mike Chen

2024.01.24

APPROVAL:

Bill Lin

2024.01.24

TITLE:NGFF 1.65H CH0.6 KEY M RVS

P/N: SEE TABLE 1

SHEET:

1/3

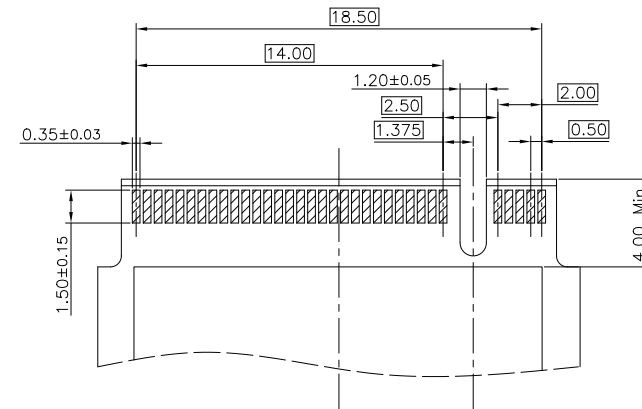
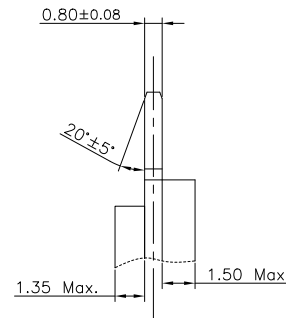
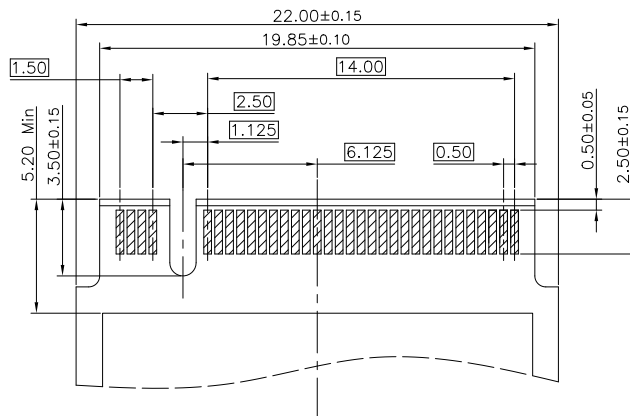


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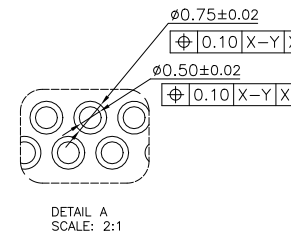
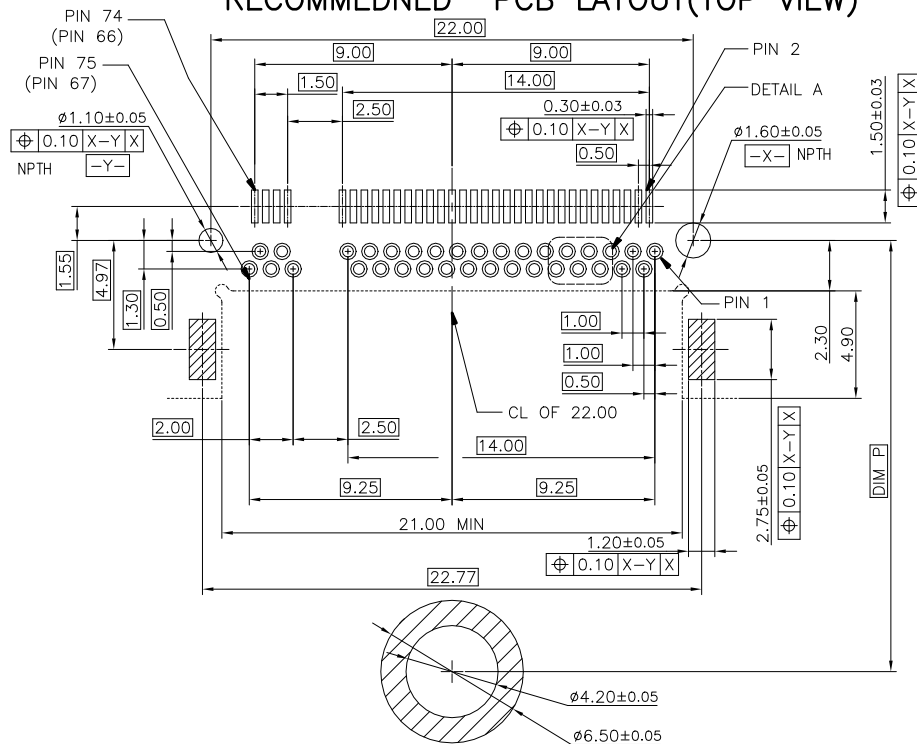
N/A

UNIT: mm

PLUG PCB



RECOMMENDED PCB LAYOUT(TOP VIEW)

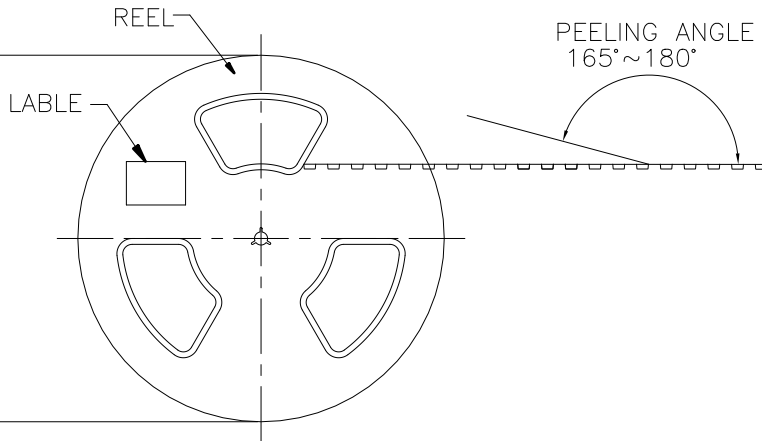


22110	114.00
2280	84.00
2260	64.00
2242	46.00
2230	34.00
3042	46.00
3030	34.00
MODULE TYPE	DIM P

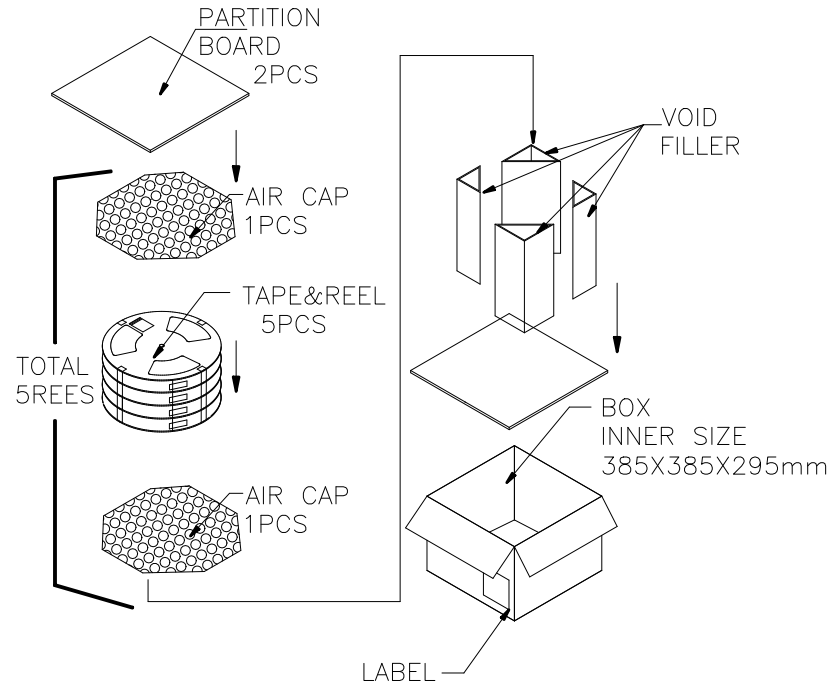
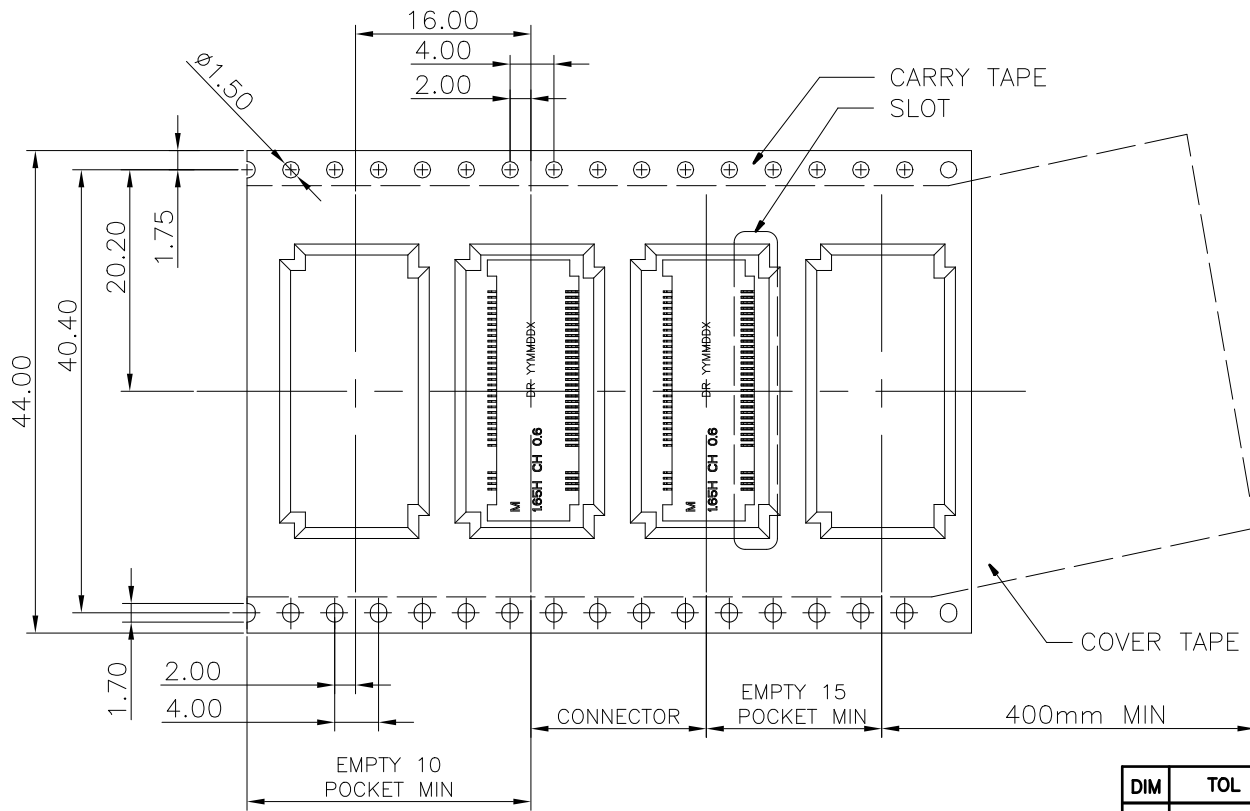
DIM	TOL	DIM	TOL
X	±0.30	X	±2°
.X	±0.25	.X	±1°
.XX	±0.15		

				DEREN SHENZHEN DEREN ELECTRONIC CO., LTD			
C-DWG:		TY	DATE	TITLE: NGFF 1.65H CH0.6 KEY M RVS			
DESIGN:		Sid Guo	2024.01.24	P/N: SEE TABLE 1			
CHECK:		Mike Chen	2024.01.24	SHEET: 2/3			
APPROVAL:		Bill Lin	2024.01.24	SCALE: N/A		UNIT: mm	

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FEEDING DIRECTION



1500	5	7500
PCS/TAPE	REELS/BOX	PCS/BOX



DEREN SHENZHEN DEREN ELECTRONIC CO., LTD			
C-DWG:	TY	DATE	TITLE: NGFF 1.65H CH0.6 KEY M RVS
DESIGN:	Sid Guo	2024.01.24	P/N: SEE TABLE 1
CHECK:	Mike Chen	2024.01.24	SHEET: 3/3
APPROVAL:	Bill Lin	2024.01.24	SCALE: N/A UNIT: mm

DIM	TOL	DIM	TOL
x	±0.30	x	±2°
.x	±0.25	.x	±1°
.xx	±0.15		

DRAW NO.	SC1600798-2
REV.	A