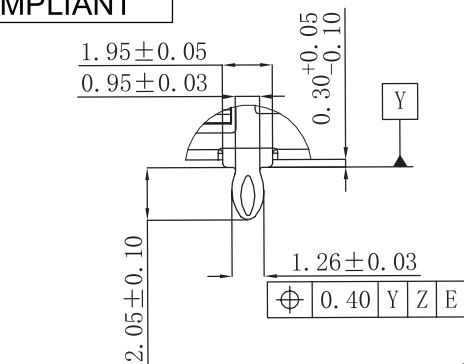
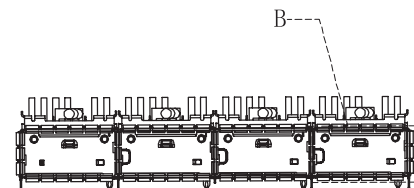


REACH & RoHS
COMPLIANT

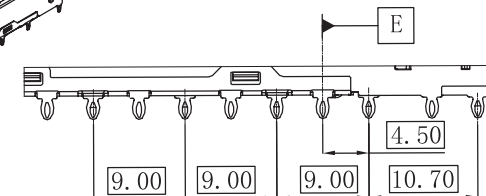
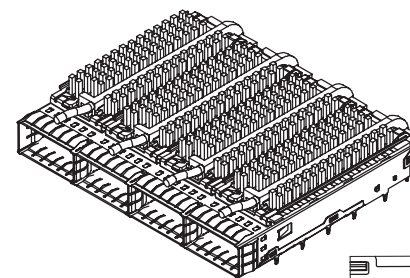
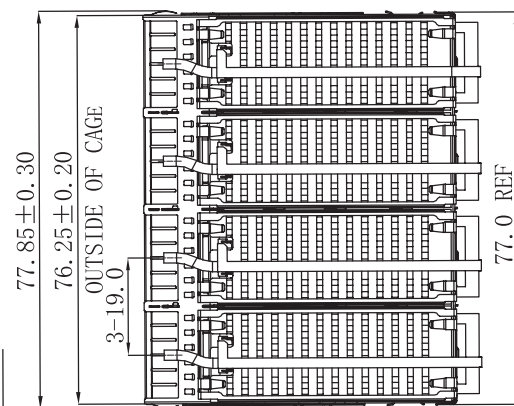
REV. 版本	ECN NO. 变更说明	DATE 日期
A	FIRST ISSUE	19.11.22



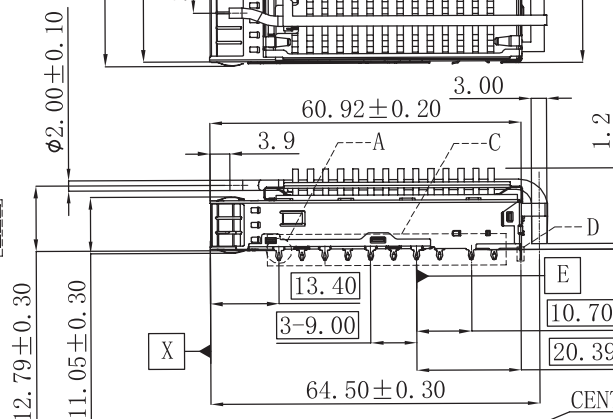
DETAIL A
SCALE 5 : 1



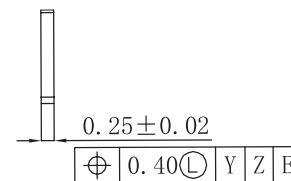
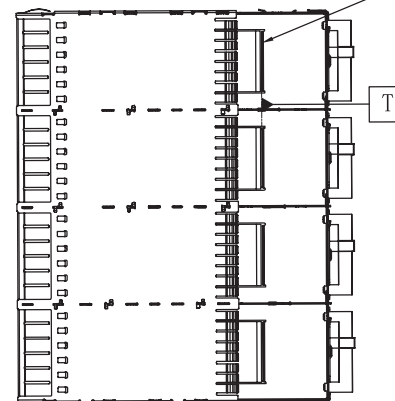
DETAIL B
SCALE 4 : 1



DETAIL C
SCALE 2 : 1



CENTERLINE OF GUIDE POST



DETAIL D
SCALE 10 : 1

NOTE:

1. CAGE: COPPER ALLOY, THICKNESS: 0.25mm
EMI SPRING FINGERS: BERYLLIUM COPPER.
THICKNESS: 0.06mm REF;
HEATSINK CLIP: STEEL, THICKNESS: 0.25mm;
HEATSINK: ALUMINUM;
LIGHT PIPE: CLEAR POLYCARBONATE.
2. FINISH:
CAGE: 30~80u" NICKEL OVERALL
EMI SPRING FINGERS: 1.27~2.032um
NICKEL OVERALL;
3. PACKAGING:
PRODUCT PACKAGED IN TRAYS AND CARTONS.

TITLE: QSFP28 1x4 CAGE
WITH L/P & HEATSINK

SIZE
A4

UNITS
MM[INCH]

GENERAL TOLERANCES
UNLESS SPECIFIED

APPROVED BY:
Geoffrey.Song

PART NO.:
WHSFP36814W002

SCALE
1:1

REV
A0

$x \pm 0.35$
 $.x \pm 0.30$
 $.xx \pm 0.25$
 $.xxx \pm 0.10$

$x^\circ \pm 3.0^\circ$
 $.x^\circ \pm 2.0^\circ$
 $.xx^\circ \pm 1.5^\circ$
 $.xxx^\circ \pm 1.0^\circ$

CHECKED BY:
Elvis.Song
DESIGNED BY:
Sunny.Xu

REMARK:

SHEET
1/3



VOOHU 苏州沃虎电子科技有限公司
Su Zhou Voohu Electronic Tech.Co.Ltd

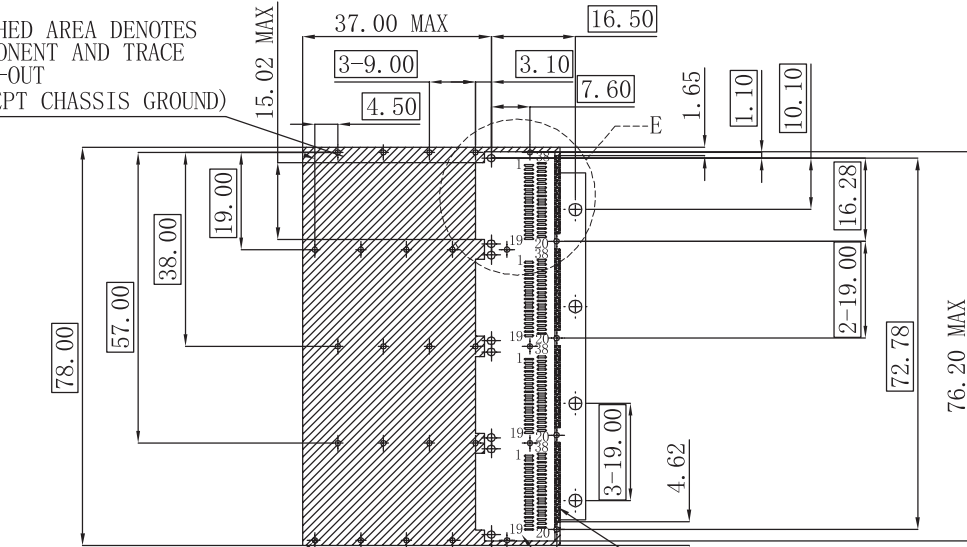
TEL: +86 400 1048 018

WEB: WWW.WOHU-TEK.COM

REACH & RoHS
COMPLIANT

REV. 版本	ECN NO. 变更说明	DATE 日期

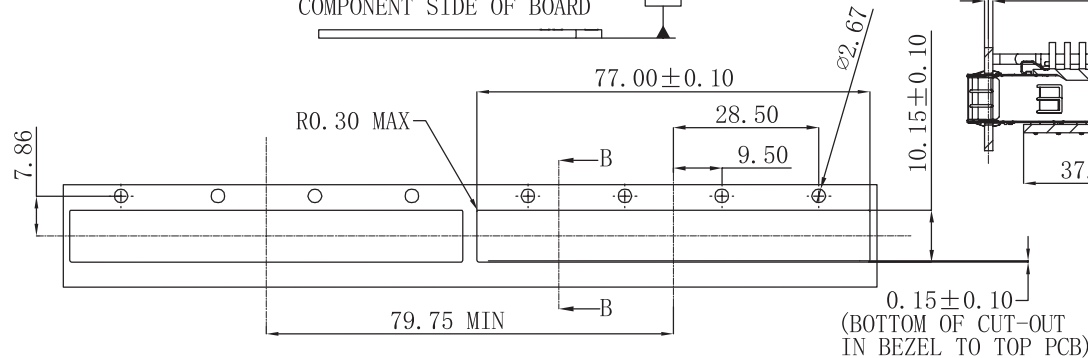
HATCHED AREA DENOTES
COMPONENT AND TRACE
KEEP-OUT
(EXCEPT CHASSIS GROUND)



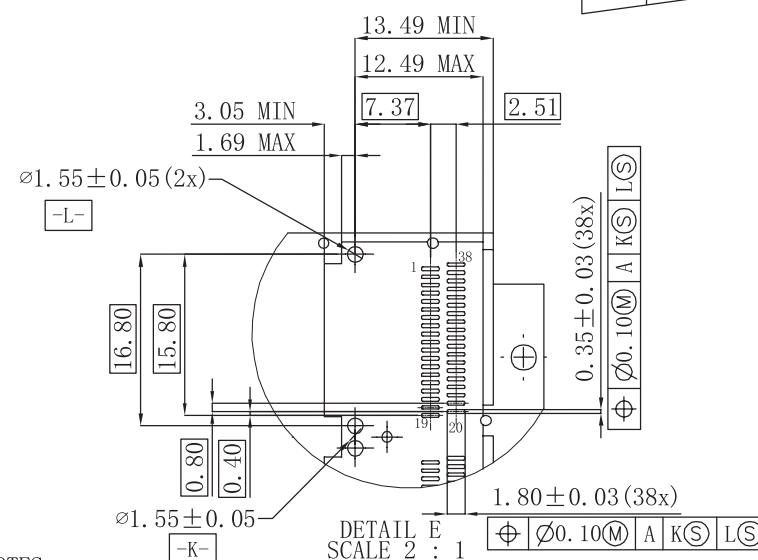
CROSS HATCHED AREA DENOTES
WHEN SURFACE TRACES ARE PERMITTED

THIS AREA DENOTES
COMPONENTS KEEP-OUT
(TRACES ALLOWED)

RECOMMENDED HOST PCB BOARD
SINGLE SIDE LAYOUT
COMPONENT SIDE OF BOARD



PCB LAYOUT FOR SINGLE SIDED APPLICATION



PCB PORT LAYOUT COMPONENT PORT

- NOTES:
1. SEE zQSFP+MSF SPECIFICATION FOR BEZEL LOCATION TOLERANCE
 2. DATUM A IS TIP SURFACE OF HOST BOARD PEA MSA
 3. FINISHED HOLE SIZE (AFTER PLATING)
 4. DATUM K IS HOST BOARD THRE HOLE #1 TO ACCEPT CONNECTOR GUIDE POST PER MSA
 5. DATUM L IS HOST BOARD THRE HOLE #2 TO ACCEPT CONNECTOR GUIDE POST PER MSA
 6. DATUM T IS HARS STOP ON CAGE PER MSA

VOOHU 苏州沃虎电子科技有限公司
Su Zhou Voohu Electronic Tech.Co.Ltd

TITLE: QSFP28 1x4 CAGE
WITH L/P & HEATSINK

SIZE
A4

UNITS
MM[INCH]

GENERAL TOLERANCES
UNLESS SPECIFIED

APPROVED BY:
Geoffrey.Song

PART NO.:
WHSFP36814W002

SCALE
1:1

REV
A0

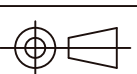
$x \pm 0.35$
 $.x \pm 0.30$

$x^\circ \pm 3.0^\circ$
 $.x^\circ \pm 2.0^\circ$

CHECKED BY:
Elvis.Song

REMARK:

SHEET
2/3



$.xx \pm 0.25$
 $.xxx \pm 0.10$

$.xx^\circ \pm 1.5^\circ$
 $.xxx^\circ \pm 1.0^\circ$

DESIGNED BY:
Sunny.Xu

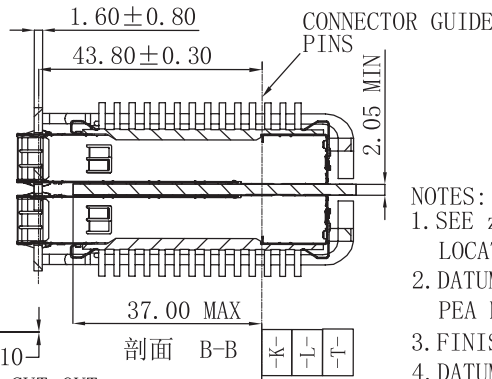
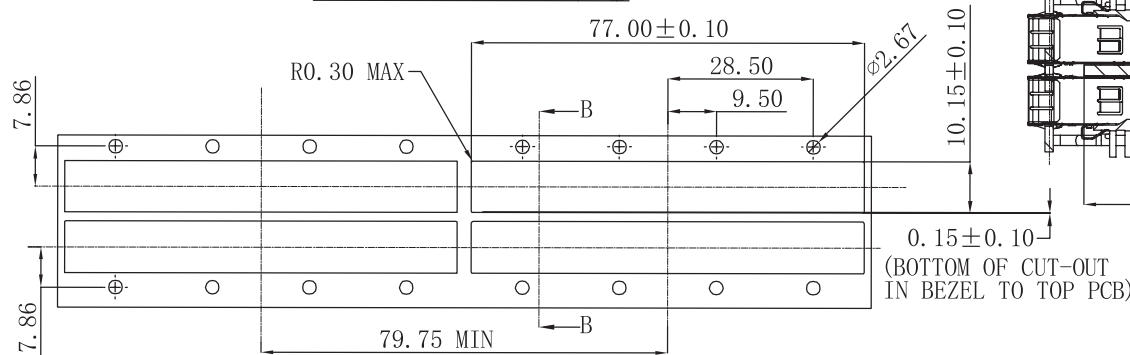
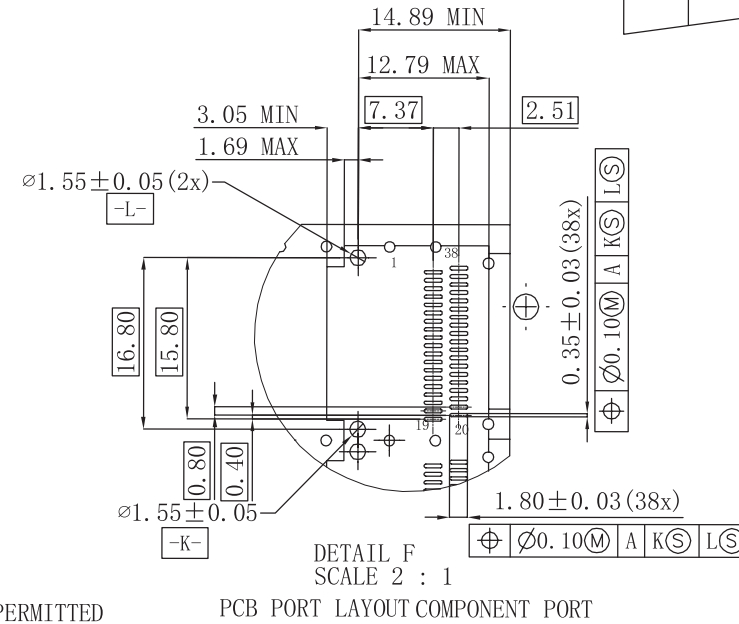
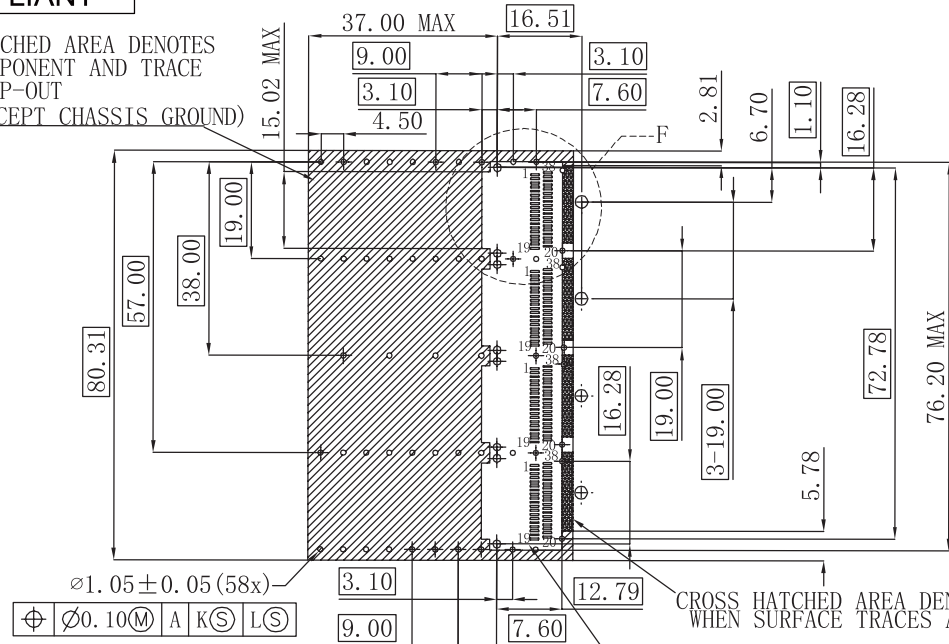
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COMPLIANT

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HATCHED AREA DENOTES
COMPONENT AND TRACE
KEEP-OUT
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TITLE: QSFP28 1x4 CAGE
WITH L/P & HEATSINK

SIZE
A4

UNITS
MM[INCH]

GENERAL TOLERANCES
UNLESS SPECIFIED

APPROVED BY:
Geoffrey.Song

PART NO.:
WHSFP36814W002

SCALE
1:1

REV
A0

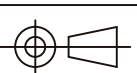
x±0.35
.x±0.30

x°±3.0°
.x°±2.0°

CHECKED BY:
Elvis.Song

REMARK:

SHEET
3/3



.xx±0.25
.xxx±0.10

.xx°±1.5°
.xxx°±1.0°

DESIGNED BY:
Sunny.Xu

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