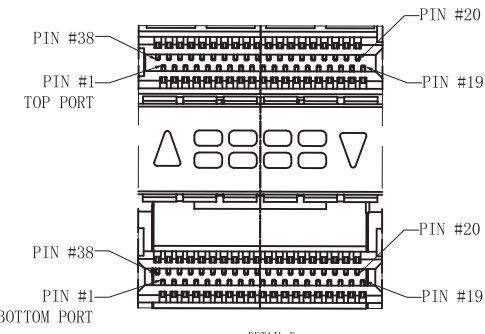
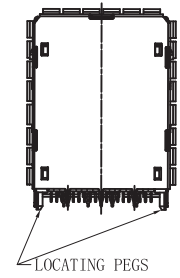
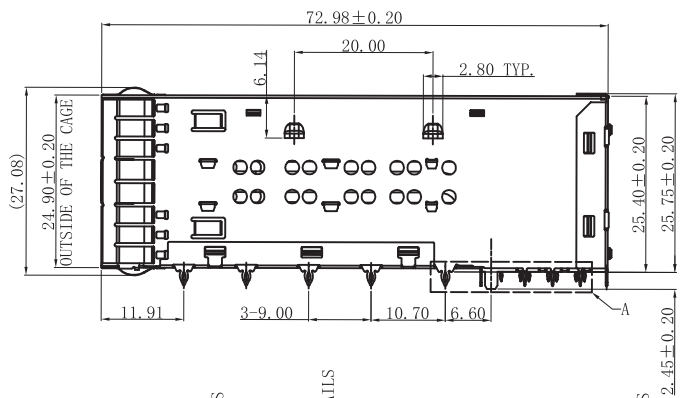
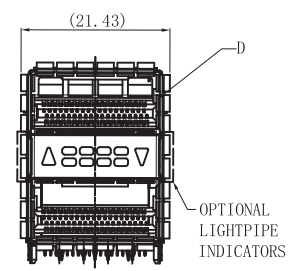
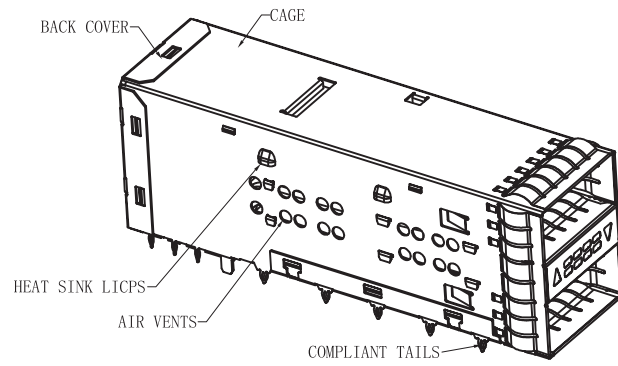
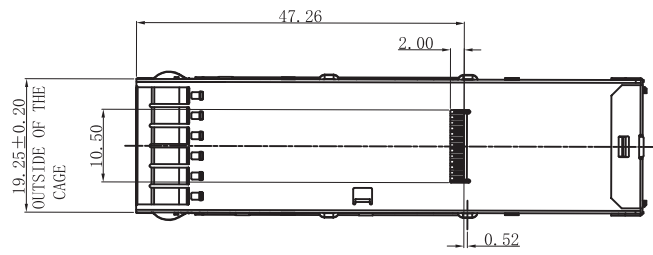


REACH & RoHS
COMPLIANT

REV. 版本	ECN NO. 变更说明	DATE 日期
A	FIRST ISSUE	20170706
B	UPDATE DRAWING	20180930
C	UPDATE DRAWING	20240927



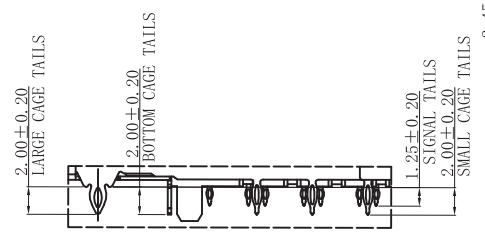
- NOTES:
- MATERIAL:
 - CAGE: COPPER ALLOY, THICKNESS:0.25mm;
 - EMI SPRING FINGERS: BERYLLIUM COPPER, THICKNESS:0.06mm REF;
 - LIGHT PIPES: POLYCARBONATE;
 - CONNECTOR HOUSING: GLASS FILED THERMOPLASTIC, UL:94V-0, COLOR:BLACK;
 - TERMINALS: HIGH PERFORMANCE COPPER ALLOY.
 - FINISH:
 - CAGE: 0.762um MIN NICKLE OVERALL;
 - EMI SPRING FINGERS: 0.762-2.54um NICKLE OVERALL;
 - TERMINALS: 0.762um Min GOLD PLATING OVER NICLE IN CONTACT AREA;
 - CONTACT NEEDLE EYE: 0.5~2.54 MICROMETERS MATTE TIN OVER 1.27~5.08 MICROMETERS NICKLE.
 - PACKAGING:
 - PRODUCT PACKAGED IN TRAYS AND CARTONS.

LIGHTPIPE STYLE TABLE


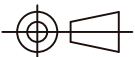


LEFT UP RIGHT DOWN
LIGHTPIPE INDICATORS

W/O LOGO: WHSFP28221F013



DETAIL A
SCALE 2:1

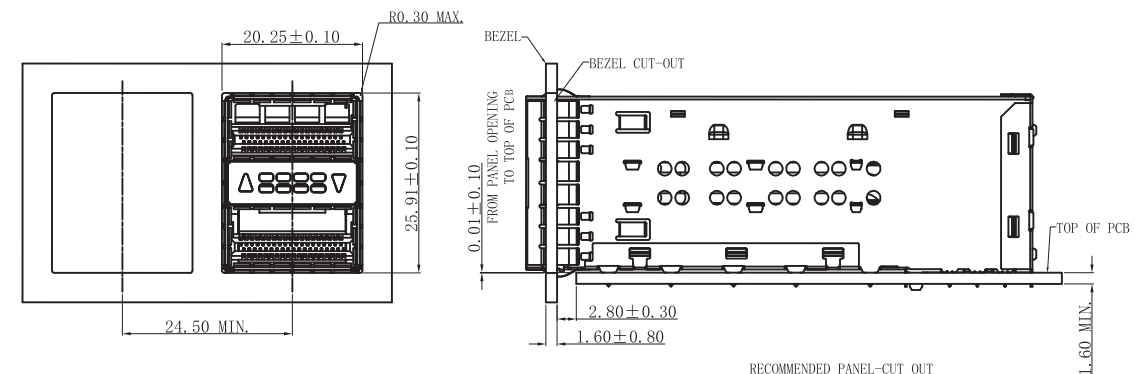
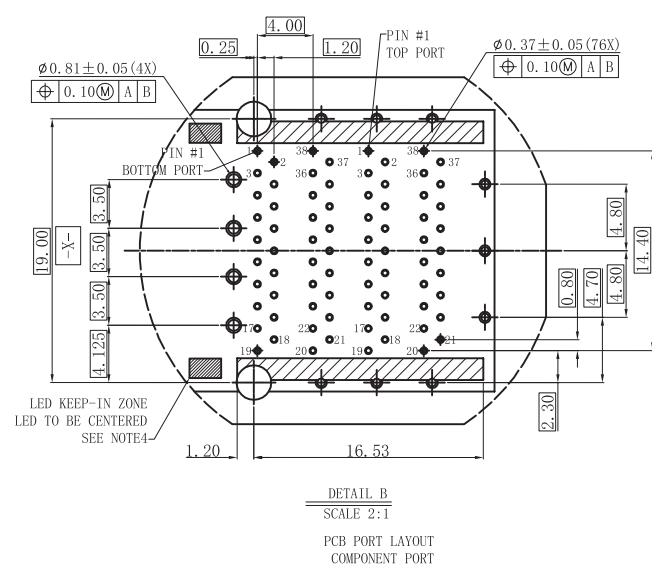
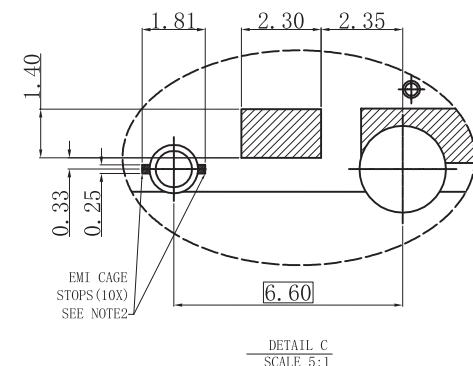
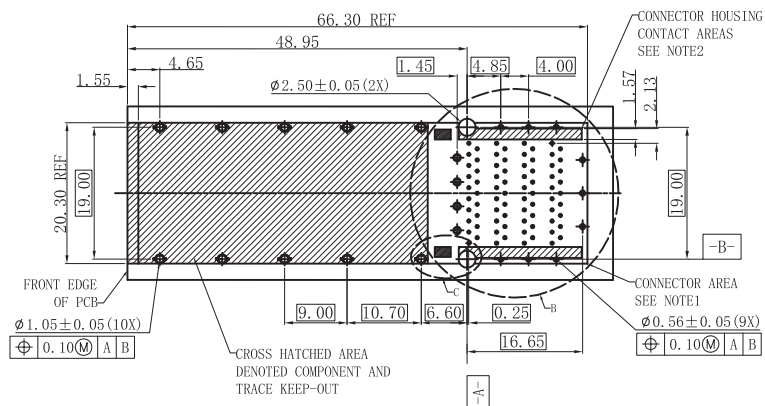
 苏州沃虎电子科技有限公司 Su Zhou Voohu Electronic Tech.Co.Ltd	TITLE: QSFP+ 2X1 ASSMBLY TOPSEAI	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song
	PART NO.: WHSFP28221F013	SACLE 1:1	REV A0	x±0.35	x°±3.0°	CHECKED BY: Elvis.Song
TEL: +86 400 1048 018	REMARK:	SHEET 1/2		.xx±0.25	.xx°±1.5°	DESIGND BY: Sunny.Xu
WEB: WWW.WOHU-TEK.COM				.xxx±0.10	.xxx°±1.0°	

TEL: +86 400 1048 018

WEB: WWW.WOHU-TEK.COM

REACH & RoHS COMPLIANT

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- NOTES:
1. THE ENTIRE AREA UNDER THE CONNECTOR (DASHED LINES) IS TO BE CONSIDERED A KEEP-OUT AREA FOR COMPONENTS.
 2. HATCHED AREAS REPRESENT ZONES ON THE PCB THAT COME IN CONTACT WITH OR THE CONNECTOR CAGE. INDICATED AREAS TO BE CONSIDERED TRACE FREE.
 3. PIN NUMBERS ARE PER THE STANDARD.
BOTH PORTS ARE IN THE SAME (UP-UP) MODULE ORIENTATION.
 4. LED KEEP-IN ZONE DEFINES THE PHYSICAL SPACE ALLOWER FOR PLACEMENT OF SMD CHIP STYLE LED PACKAGES INCLUDING SMD MOUNTING PADS. KEEP-IN ZONE EXTENDS VERTICALLY TO 0.8mm ABOVE THE TOP SIDE OF BOARD.

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

TITLE:
QSFP+ 2X1 ASSMBLY TOPSEAI
PART NO.:
WHSFP28221F013
REMARK:

SIZE
A4
SACLE
1:1
SHEET
2/2



UNITS
MM[INCH]
REV
A0
GENERAL TOLERANCES
UNLESS SPECIFIED
 $x \pm 0.35$
 $.x \pm 0.30$
 $.xx \pm 0.25$
 $.xxx \pm 0.10$
 $x^\circ \pm 3.0^\circ$
 $.x^\circ \pm 2.0^\circ$
 $.xx^\circ \pm 1.5^\circ$
 $.xxx^\circ \pm 1.0^\circ$

APPROVED BY:
Geoffrey.Song
CHECKED BY:
Elvis.Song
DESIGND BY:
Sunny.Xu