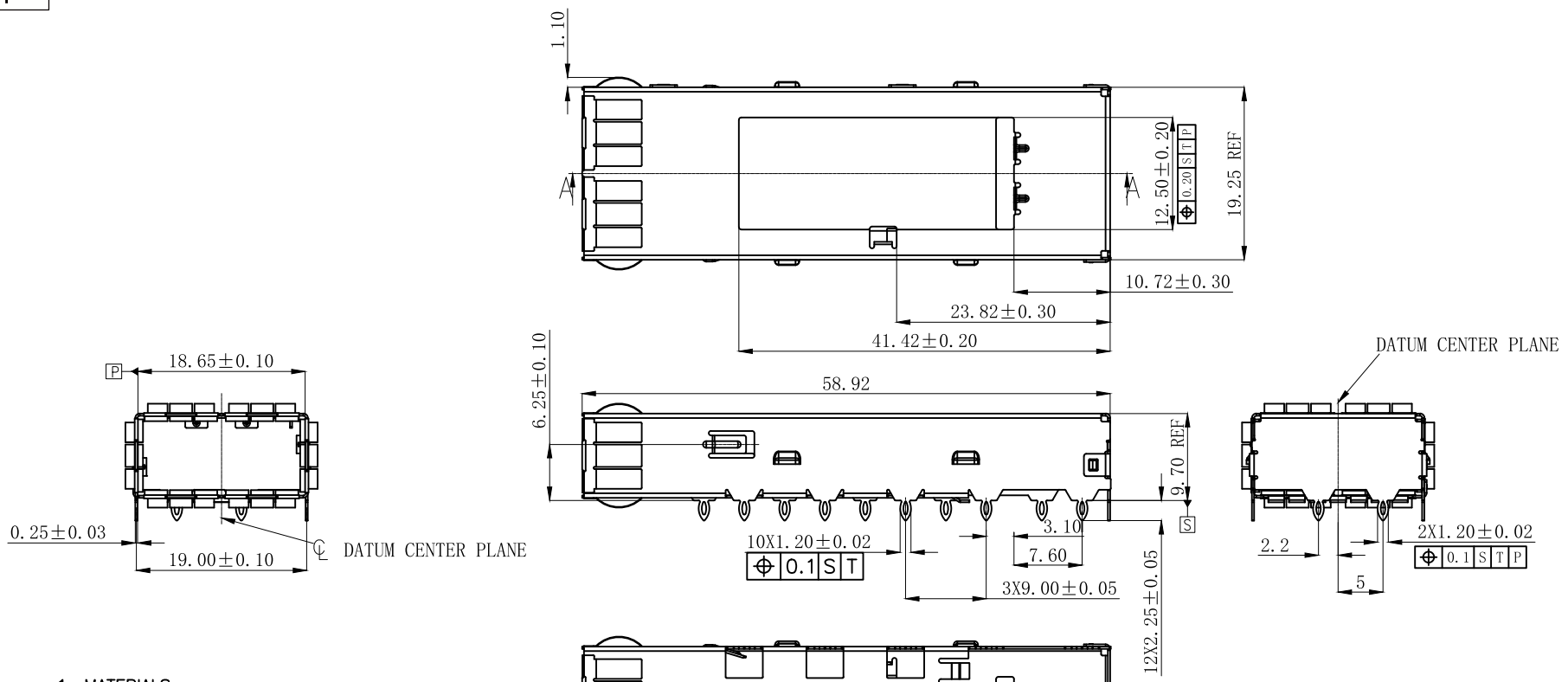
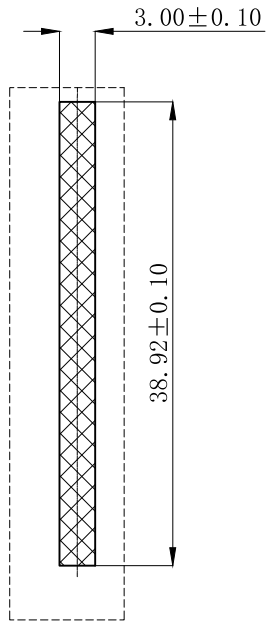
REACH & RoHS COMPLIANT



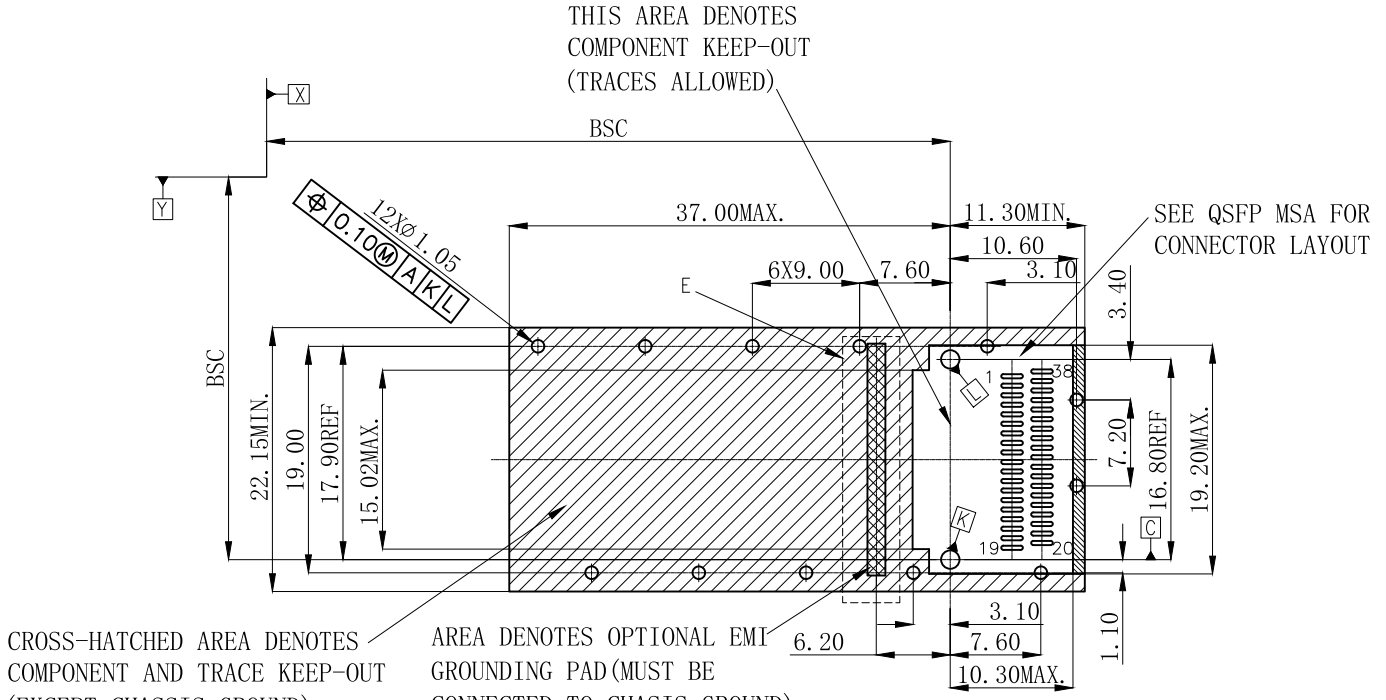
1. MATERIALS:
   CAGE UP: STAINLESS STEEL, 0.25 THICKNESS
   CAGE DOWN: BRASS ALLOY, 0.25 THICKNESS
   PARTITION: STAINLESS STEEL
   EMI FINGERS: STAINLESS STEEL
2. SURFACE FINISH:
   BODY CAGE: CLEANING
   EMI SPRING FINISH: CLEANING AND HOLE SEALING
3. MATE WITH QSFP MSA COMPATIBLE TRANSCEIVER.
4. INSIDE SURFACE OF CASKET WHEN FULLY COMPRESSED.
5. REFERENCE DOCUMENTS:
   PRODUCT SPECIFICATION: SFF-8663
6. THIS PRODUCT COMPLY TO ROHS DIRECTIVE 2011/65/EU.

VOOHU 苏州沃虎电子科技有限公司 Su Zhou Voohu Electronic Tech.Co.Ltd	TITLE: QSFP+ 1X1 CAGE	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED	APPROVED BY: Geoffrey.Song
	PART NO.: WH491U019D0S00	SCALE 1:1	REV A0	x±0.35 / x°±3.0° / .x±0.30 / .x°±2.0°	CHECKED BY: Elvis.Song
TEL: +86 400 1048 018 WEB: WWW.VOOHU.CN	REMARK:	SHEET 1/4		.xx±0.25 / .xx°±1.5° / .xxx±0.10 / .xxx°±1.0°	DESIGNED BY: Sunny.Xu

REACH & RoHS COMPLIANT



DETAIL E
SCALE 2:1

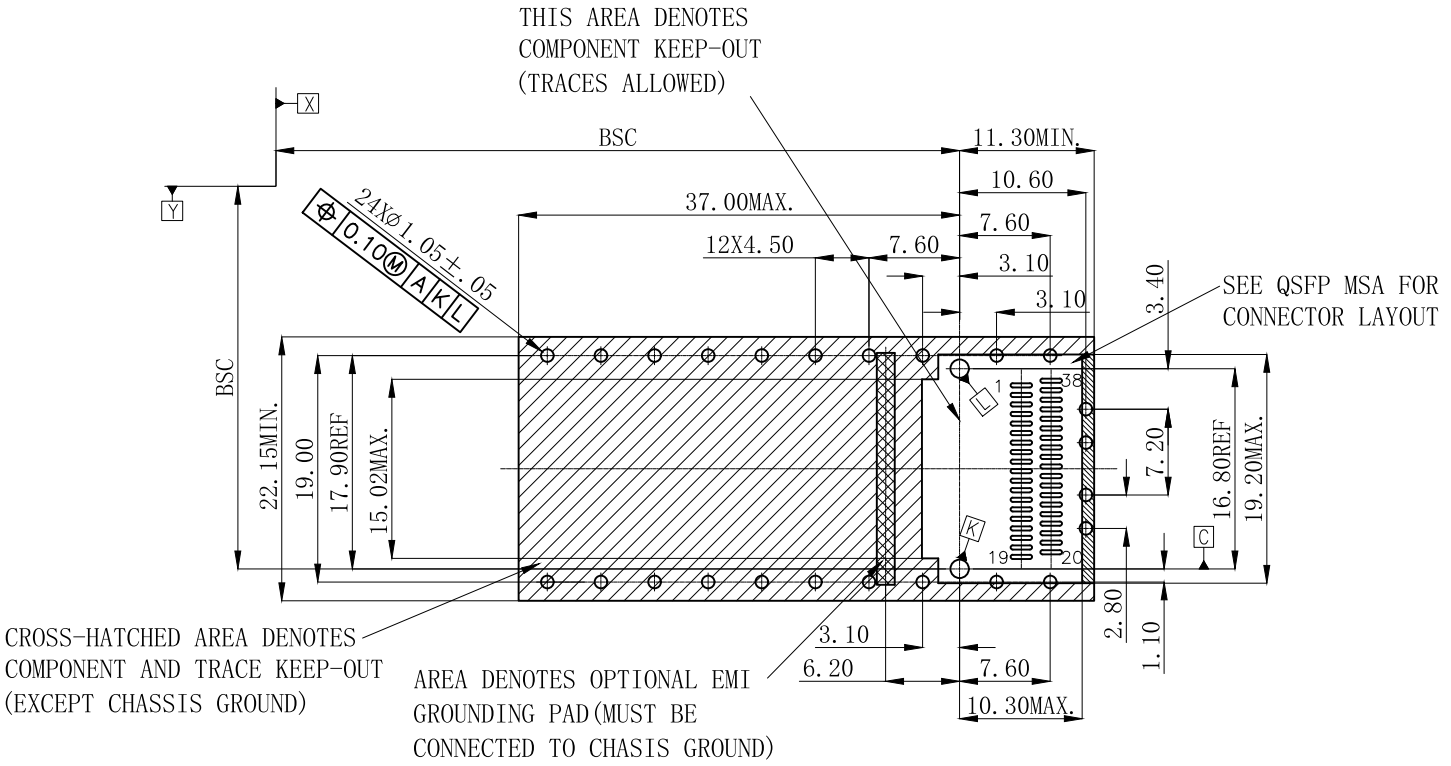


PCB LAYOUT FOR SINGLE SIDED APPLICATIONS

NOTES:
MATERIAL:
1. CAGE BODY:COPPER-NICKEL-ALLOY. T=0.25MM.
2. EMI SPRING:PHOSPHOR BRONZE T=0.08MM.
THICKNESS PLATING NICKEL.
3. CLIP: SUS304-1/2H T=0.25MM.
4. HEAT SINK:ALUMINUM PLATING NICKEL.
5. HARMFUL MATERIAL CONTROL FOLLOW ROHS.

VOOHU 苏州沃虎电子科技有限公司 Su Zhou Voohu Electronic Tech.Co.Ltd	TITLE: QSFP+ 1X1 CAGE	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song
	PART NO.: WH491U019D0S00	SCALE 1:1	REV A0	x±0.35	x°±3.0°	CHECKED BY: Elvis.Song
				.x±0.30	.x°±2.0°	
TEL: +86 400 1048 018 WEB: WWW.VOOHU.CN	REMARK:	SHEET 2/4		.xx±0.25	.xx°±1.5°	DESIGNED BY: Sunny.Xu
				.xxx±0.10	.xxx°±1.0°	

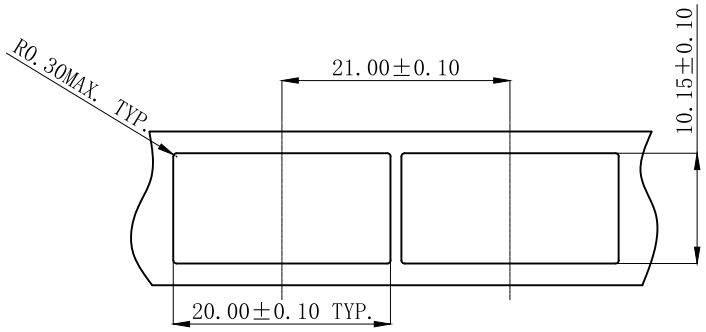
REACH & RoHS COMPLIANT



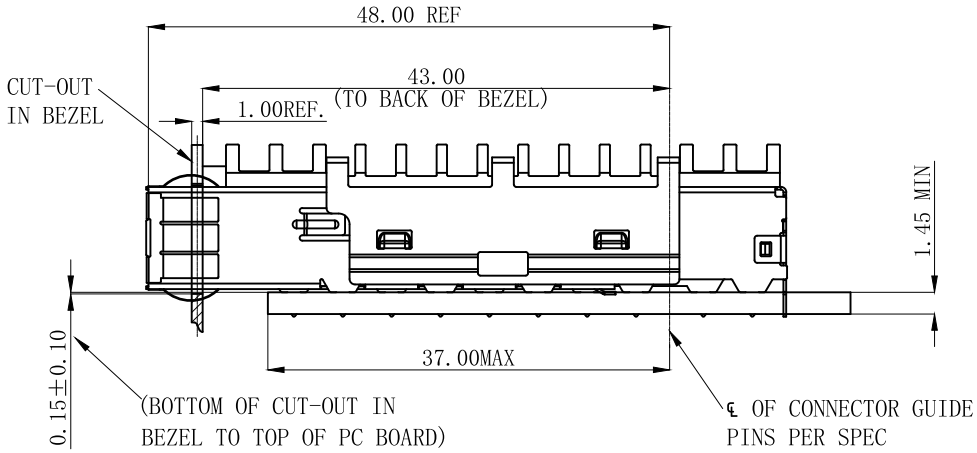
PCB LAYOUT FOR BELLY TO BELLY SIDED APPLICATIONS

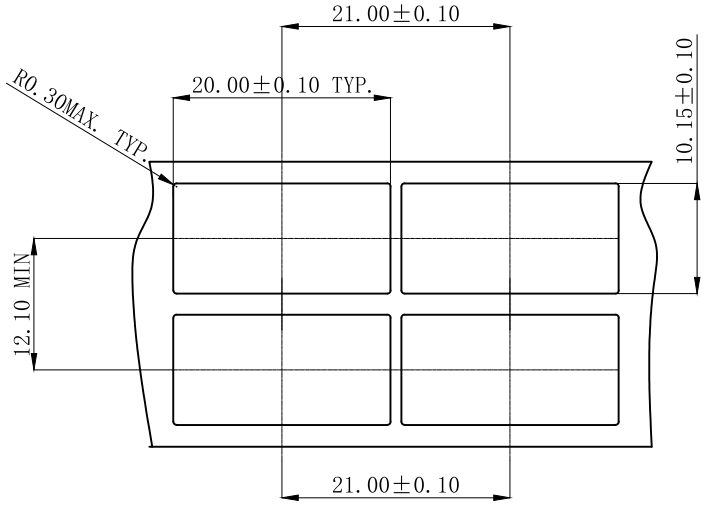
VOOHU 苏州沃虎电子科技有限公司 Su Zhou Voohu Electronic Tech.Co.Ltd	TITLE: QSFP+ 1X1 CAGE	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song
	PART NO.: WH491U019D0S00	SCALE 1:1	REV A0	x±0.35	x°±3.0°	CHECKED BY: Elvis.Song
				.x±0.30	.x°±2.0°	
TEL: +86 400 1048 018 WEB: WWW.VOOHU.CN	REMARK:	SHEET 3/4		.xx±0.25	.xx°±1.5°	DESIGNED BY: Sunny.Xu
				.xxx±0.10	.xxx°±1.0°	

REACH & RoHS COMPLIANT

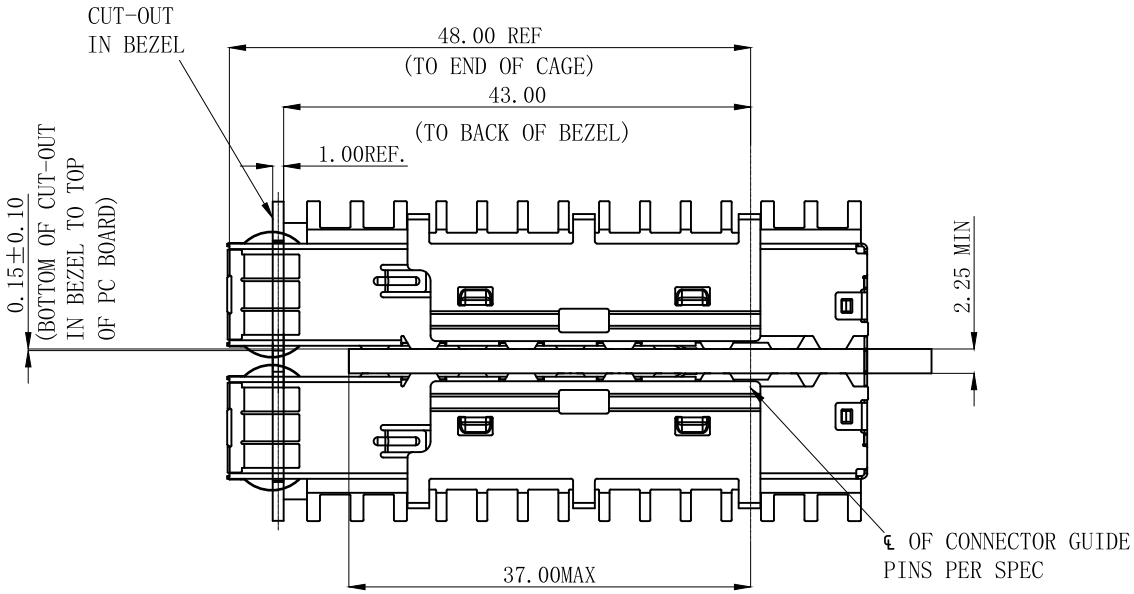


RECOMMENDED BEZEL DESIGN





RECOMMENDED BEZEL CUT-OUT BELLY TO BELLY APPLICATIONS



苏州沃虎电子科技有限公司 Su Zhou Voohu Electronic Tech.Co.Ltd	TITLE: QSFP+ 1X1 CAGE	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song
	PART NO.: WH491U019D0S00	SCALE 1:1	REV A0	x±0.35	x°±3.0°	CHECKED BY: Elvis.Song
				.x±0.30	.x°±2.0°	
TEL: +86 400 1048 018 WEB: WWW.VOOHU.CN	REMARK:	SHEET 4/4		.xx±0.25	.xx°±1.5°	DESIGNED BY: Sunny.Xu
				.xxx±0.10	.xxx°±1.0°	