

1	2	3	4	5	6	7	8
H	REACH & RoHS COMPLIANT						REV. 版本
	NOTE: MATERIAL: 1. CONTACT: PHOSPHOR BRONZE. 2. CONNECTOR HOUSING: LCP UL 94V-0. COLOR: BLACK. 3. MOULDED INSERT: HIGH TEMPERATURE PLASTIC UL 94V-0. COLOR:BLACK. 4. CAGE: COPPER ALLOY. 5. LIGHT PIPES: POLYCARBONATE. UL 94V-0. COLOR:CLEAR 6. LIGHT PIPE HOUSING: PBT UL 94V-0 COLOR:BLACK. PLATED: 1. CONTACT MATING AREA : PLATING GOLD OVER 1.27 MICROMETERS MINIMUM NICKEL. 2. CONTACT NEEDLE EYE: 2.54 MICROMETERS MINIMUM MATTE TIN OVER 1.27 MICROMETERS MINIMUM NICKEL. MECHANICAL REQUIREMENT: 1. DURABILITY: 100 CYCLES MIN. 2. INSERTION AND EXTRACTION FORCE: 40N MAX & 11.5N MAX ENVIRONMENTAL: 1. LOW LEVEL CONTACT RESITANCE(LLCR): ΔR 10 MILLIOHMS MAXIMUM FOR SHIELD AND SIGNAL CONTACTS. 2. DIELECTRIC WITHSTANDING VOLTAGE: 300V AC/MAX. 3. INSULATION RESISTANCE: 1×10^9 OHMS MINIMUM. 4. RATINGS CURRENT: 0.5 AMPS MAX. 5. RATINGS VOLTAGE: 30 VOLTS DC/AC(RMS) MAX. 6. OPERATION: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$. 7. STORAGE: $-55^{\circ}\text{C} \sim +105^{\circ}\text{C}$. 8. ROHS COMPLIANT						ECN NO. 变更说明
							A-D
							E.
							修改图纸
G							2017. 08. 08.
							F.
							调整图纸
							2018. 12. 20.
							G
F							调整标注
							2023. 02. 08
E							
D							
C							
B							
A							

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:
SFP 2X1 PRESS FIT CONNECTOR

PART NO.:
WHSFP05221D021

REMARK:
CONTACT PALTING GOLD 15u"

SIZE
A4

SCALE
1:1

SHEET
1/3

UNITS
MM[INCH]

REV
A0



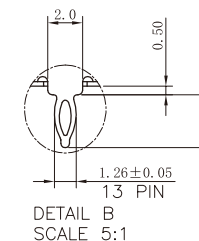
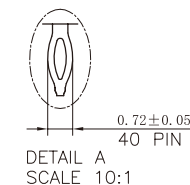
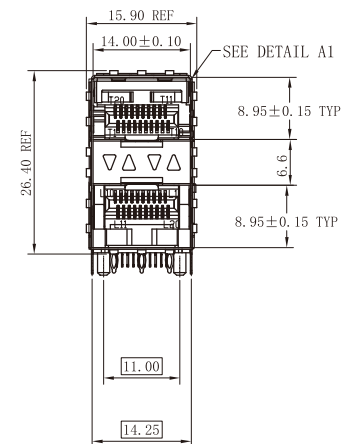
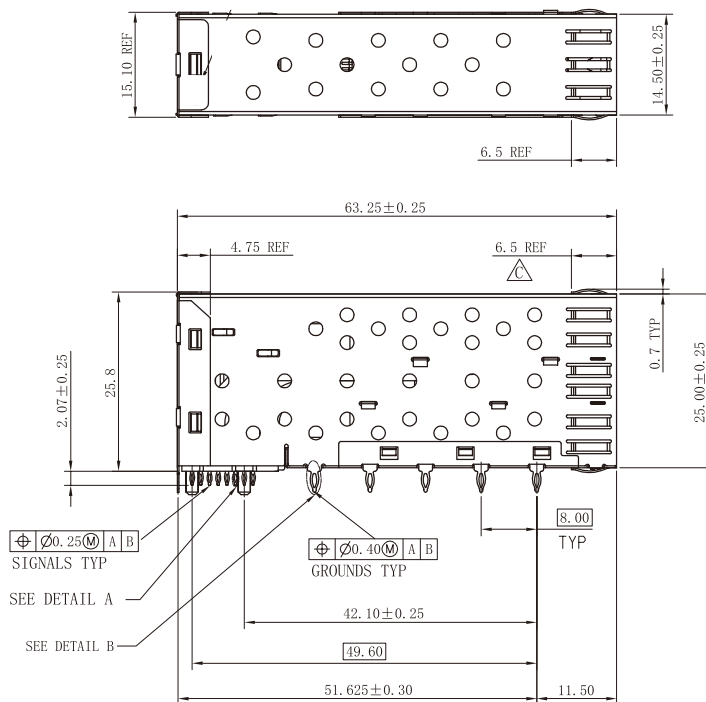
GENERAL TOLERANCES
UNLESS SPECIFIED

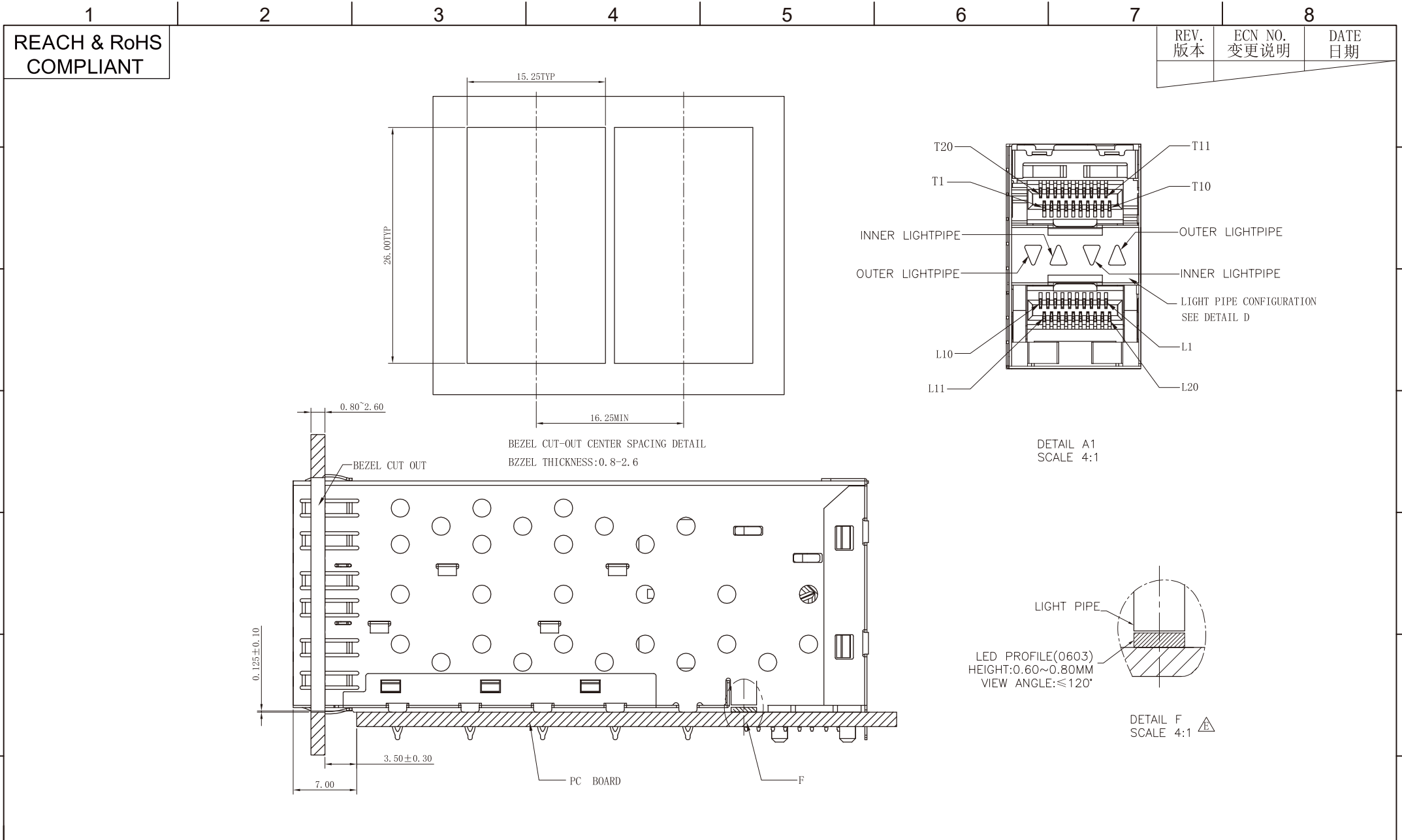
$x \pm 0.35$	$x^{\circ} \pm 3.0^{\circ}$
$.x \pm 0.30$	$.x^{\circ} \pm 2.0^{\circ}$
$.xx \pm 0.25$	$.xx^{\circ} \pm 1.5^{\circ}$
$.xxx \pm 0.10$	$.xxx^{\circ} \pm 1.0^{\circ}$

APPROVED BY:
Geoffrey.Song

CHECKED BY:
Elvis.Song

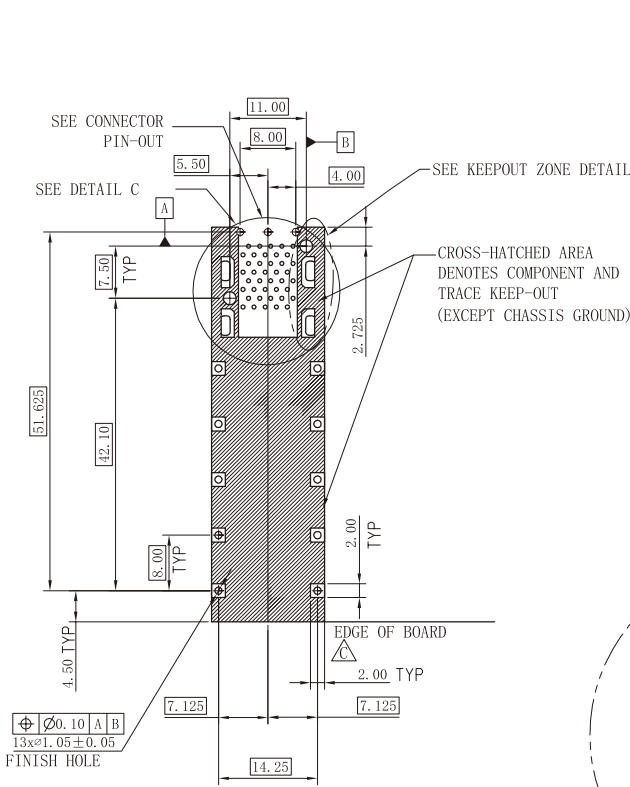
DESIGNED BY:
Sunny.Xu





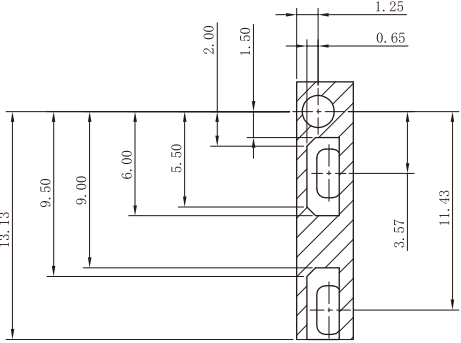
VOOHU 苏州沃虎电子科技有限公司 Su Zhou Voohu Electronic Tech.Co.Ltd		TITLE: SFP 2X1 PRESS FIT CONNECTOR	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song
		PART NO.: WHSFP05221D021	SCALE 1:1	REV A0	x±0.35 .x±0.30	x°±3.0° .x°±2.0°	CHECKED BY: Elvis.Song
TEL: +86 400 1048 018		REMARK: CONTACT PALTING GOLD 15u"	SHEET 2/3		.xx±0.25 .xxx±0.10	.xx°±1.5° .xxx°±1.0°	DESIGNED BY: Sunny.Xu

1	2	3	4	5	6	7	8
REACH & RoHS COMPLIANT							REV. 版本 ECN NO. 变更说明 DATE 日期
H							H
G							G
F							F
E							E
D							D
C							C
B							B
A							A
VOOHU 苏州沃虎电子科技有限公司 Su Zhou Voohu Electronic Tech.Co.Ltd		TITLE: SFP 2X1 PRESS FIT CONNECTOR	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song
		PART NO.: WHSFP05221D021	SCALE 1:1	REV A0	$x \pm 0.35$ $x^\circ \pm 3.0^\circ$	$.x \pm 0.30$ $.x^\circ \pm 2.0^\circ$	CHECKED BY: Elvis.Song
TEL: +86 400 1048 018 WEB: WWW.WOHU-TEK.COM		REMARK: CONTACT PALTING GOLD 15u"	SHEET 3/3		$.xx \pm 0.25$ $.xxx \pm 0.10$	$.xx^\circ \pm 1.5^\circ$ $.xxx^\circ \pm 1.0^\circ$	DESIGNED BY: Sunny.Xu
1	2	3	4	5	6	7	8

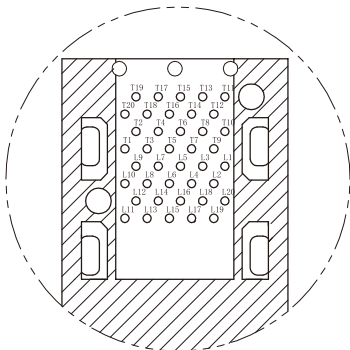


RECOMMENDED PCB LAYOUT-COMPONENT SIDE
 RECOMMENDED PCB THICKNESS-2.63MM

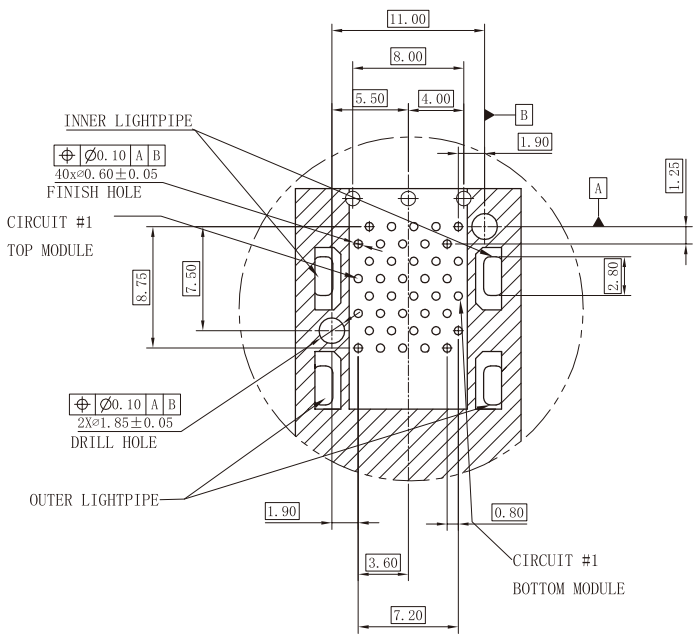
THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT
 TO BE CONSIDERED THE KEEP OUT AREA FOR COMPONENTS
 (OTHER THAN LIGHT PIPE LED'S)
 THIS AREA IS INDICATED BY THE DASHED LINE



KEEPOUT ZONE
 DETAIL SCALE 5:1



CONNECTOR PIN-OUT
 COMPONENT SIDE OF BOARD



DETAIL C
 SCALE 5:1