

REACH & RoHS
COMPLIANT

REV. 版本	ECN NO. 变更说明	DATE 日期
A-D	见老版图纸	
E.	修改图纸	2017.08.08.
F.	调整图纸	2018.12.20.
G	调整标注	2023.02.08

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:

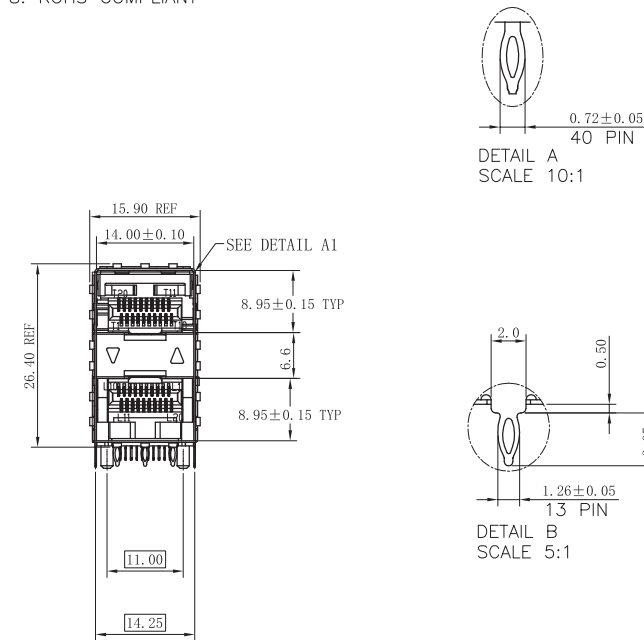
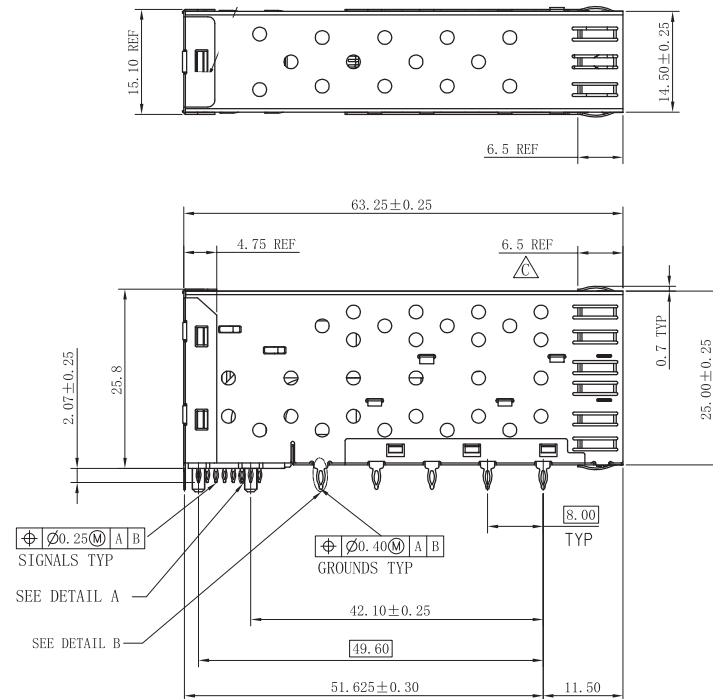
1. CONTACT MATING AREA : PLATING GOLD OVER 1.27 MICROMETERS MINIMUM NICKEL.
2. CONTACT NEEDLE EYE: 2.54 MICROMETERS MINIMUM MATTE TIN OVER 1.27 MICROMETERS MINIMUM NICKEL.

MECHANICAL REQUIREMENT:

1. DURABILITY: 100 CYCLES MIN.
2. INSERTION AND EXTRACTION FORCE: 40N MAX & 11.5N MAX

ENVIRONMENTAL:

1. LOW LEVEL CONTACT RESISTANCE(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



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
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SIZE
A4

UNITS
MM[INCH]

GENERAL TOLERANCES
UNLESS SPECIFIED

APPROVED BY:
Geoffrey.Song

PART NO.:
WHSFP05221D034

SCALE
1:1

REV
A0

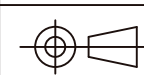
	$x \pm 0.35$
	$.x \pm 0.30$
	$.xx \pm 0.25$
	$.xxx \pm 0.10$

$x^{\circ} \pm 3.0^{\circ}$
$x^{\circ} \pm 2.0^{\circ}$

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

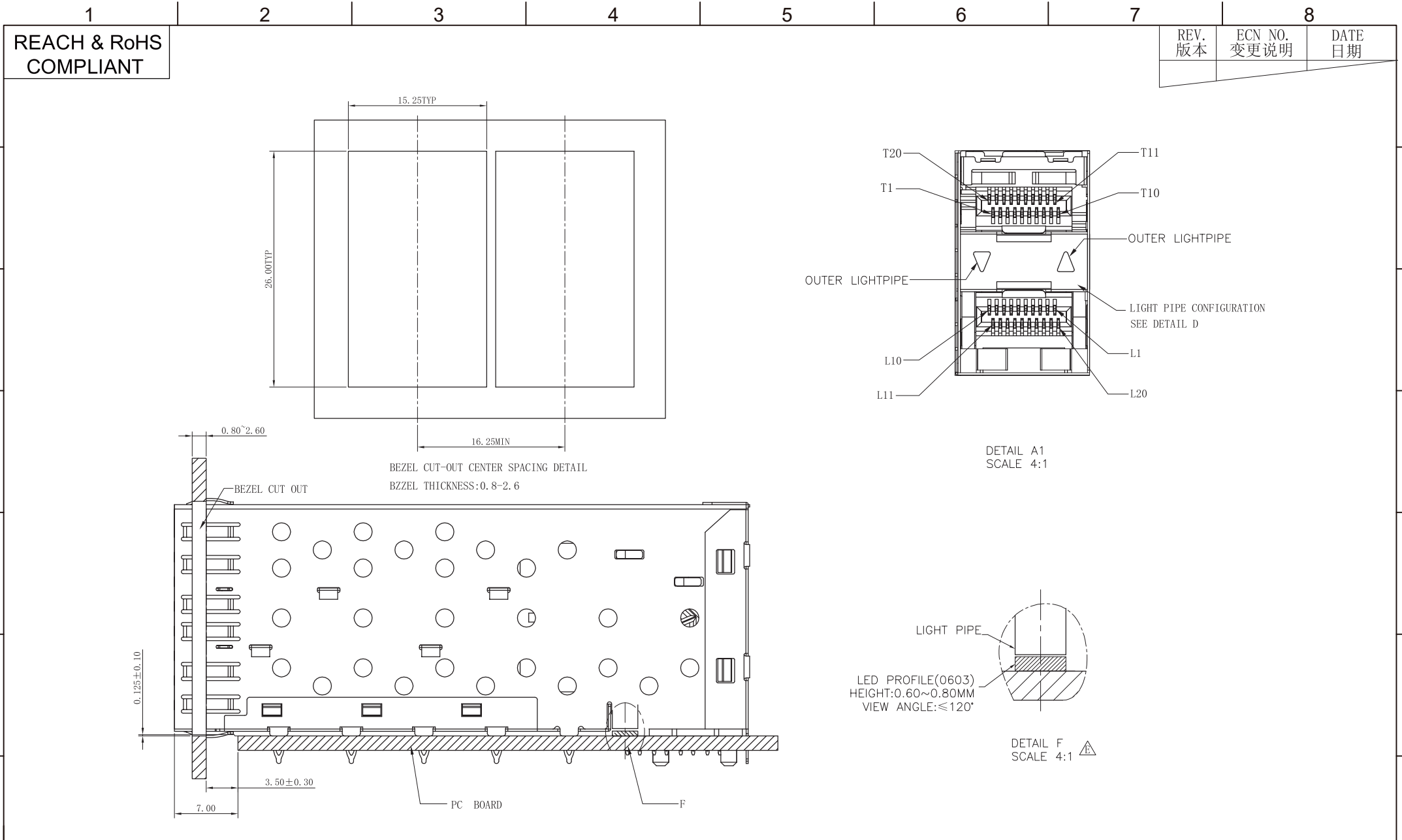
REMARK:
CONTACT PALTING GOLD 15u"

SHEET
1/3



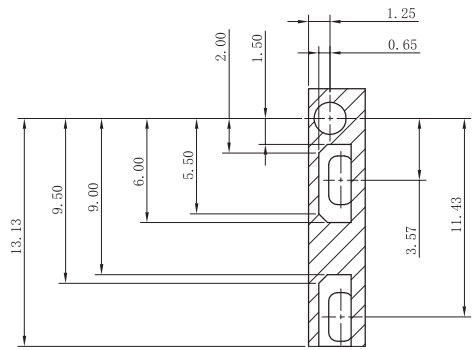
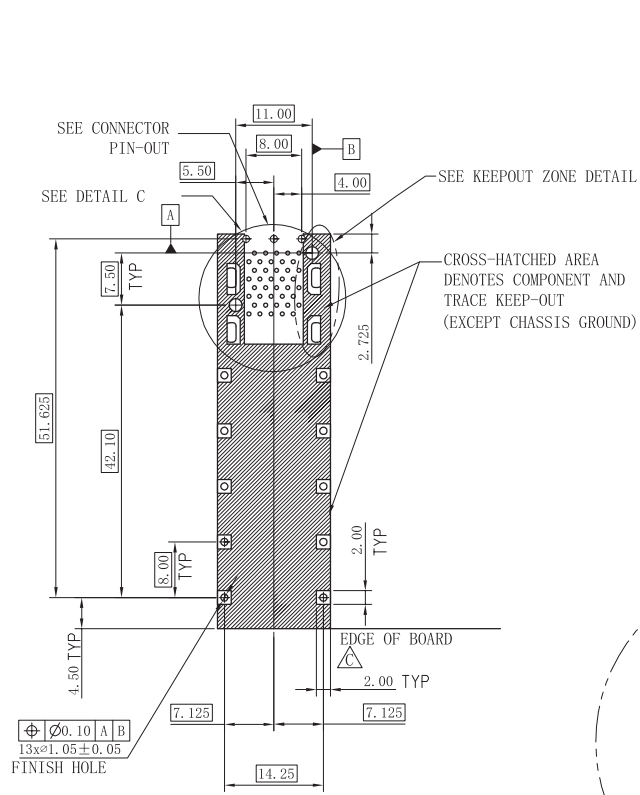
TEL: +86 400 1048 018

WEB: WWW.WOHU-TEK.COM

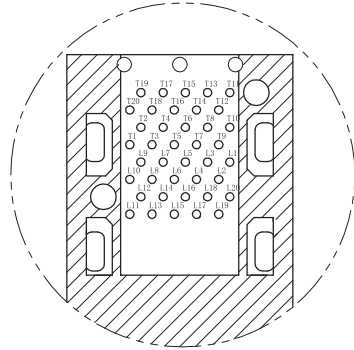


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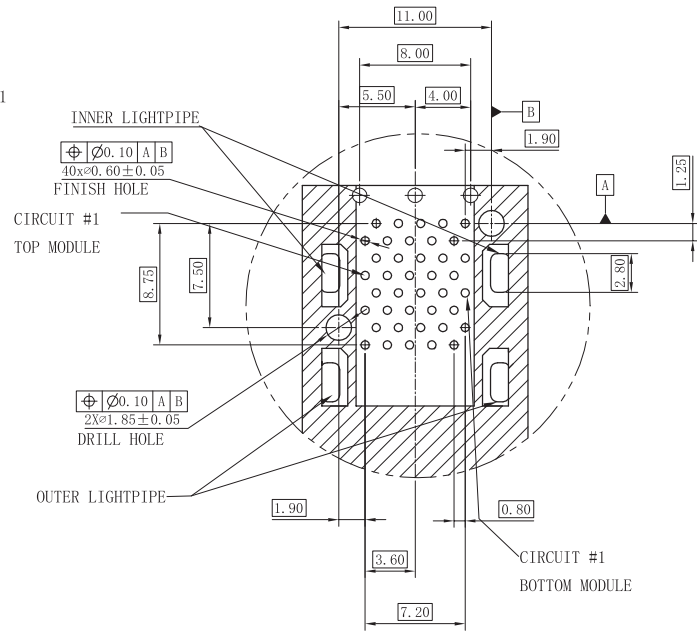
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KEEPOUT ZONE
DETAIL SCALE 5:1



CONNECTOR PIN-OUT
COMPONENT SIDE OF BOARD



DETAIL C
SCALE 5:1

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

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

TITLE: SFP 2X1 PRESS FIT CONNECTOR	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song
PART NO.: WHSFP05221D034	SCALE 1:1	REV A0	$x \pm 0.35$	$x^\circ \pm 3.0^\circ$	CHECKED BY: Elvis.Song
			$.x \pm 0.30$	$.x^\circ \pm 2.0^\circ$	
REMARK: CONTACT PALTING GOLD 15u"	SHEET 3/3		$.xx \pm 0.25$	$.xx^\circ \pm 1.5^\circ$	DESIGNED BY: Sunny.Xu
			$.xxx \pm 0.10$	$.xxx^\circ \pm 1.0^\circ$	

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