

S+C02

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.
7. EMI SPRING: COPPER ALLOY.

PLATED:

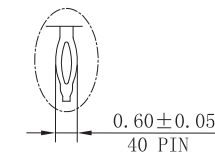
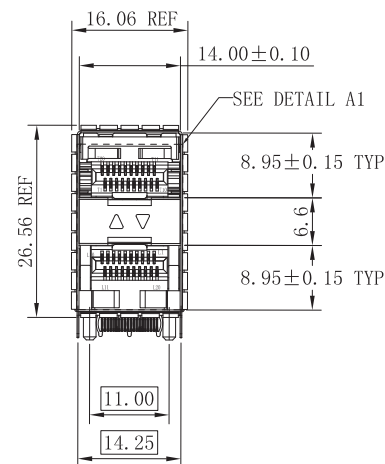
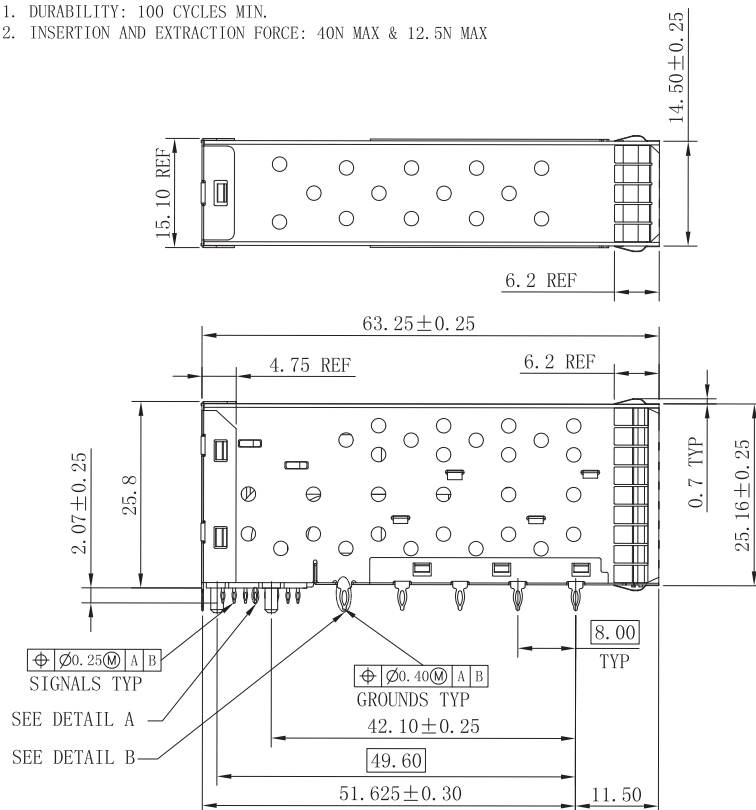
1. CONTACT MATING AREA : PLATING GOLD OVER 1.27 MICROMETERS MINIMUM NICKEL.
2. CONTACT NEEDLE EYE: 2.54 MICROMETERS MINIMUM MATTE TIN OVER 1.27 MICROMETERS MINIMUM NICKEL.

MECHANICAL REQUIREMENT:

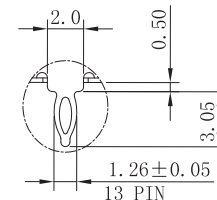
1. DURABILITY: 100 CYCLES MIN.
2. INSERTION AND EXTRACTION FORCE: 40N MAX & 12.5N MAX

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



DETAIL A
SCALE 10:1



DETAIL B
SCALE 5:1

RoHS Compliant

TITLE:

SFP+ 2x1 Press Fit Connector

SIZE

A4

UNITS

MM[INCH]

GENERAL TOLERANCES

UNLESS SPECIFIED

APPROVED BY:

Geoffrey.Song

PART NO.:

WHSFP15221D010

SACLE

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:

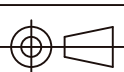
Elvis.Song

REMARK:

gold plated 15u"

SHEET

1/4



$.xx \pm 0.25$

$.xxx \pm 0.10$

$.xx^{\circ} \pm 1.5^{\circ}$

$.xxx^{\circ} \pm 1.0^{\circ}$

DESIGND BY:

Sunny.Xu



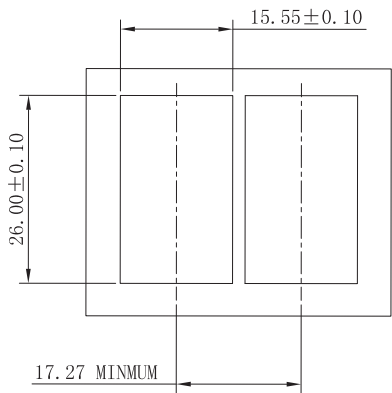
苏州沃虎电子科技有限公司
Su Zhou Voohu Electronic Tech.Co.Ltd

TEL: +86 400 1048 018

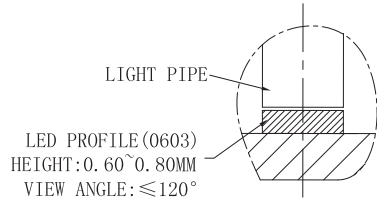
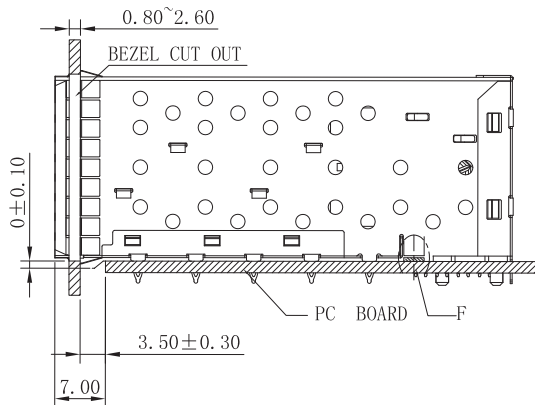
WEB: WWW.WOHU-TEK.COM

S+C02

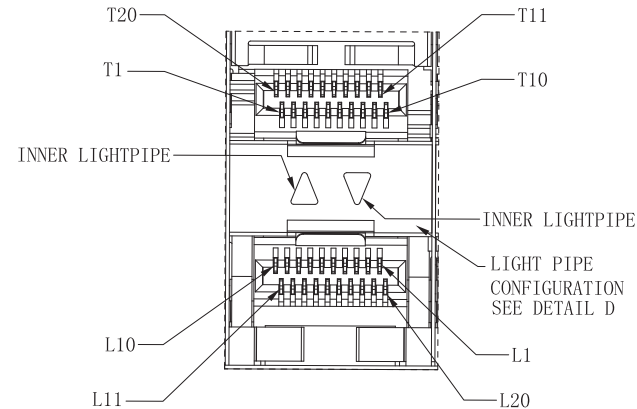
REV. 版本	ECN NO. 变更说明	DATE 日期



BEZEL CUT-OUT CENTER SPACING DETAIL
BZZEL THICKNESS:0.8~2.6



DETAILI F
SCALE 4:1



DETAIL A1
SCALE 4:1

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	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song
PART NO.: WHSFP15221D010	SACLE 1:1	REV A0	x±0.35	x°±3.0°	CHECKED BY:
			.x±0.30	.x°±2.0°	Elvis.Song
REMARK: gold plated 15u”	SHEET 2/4		.xx±0.25	.xx°±1.5°	DESIGND BY:
			.xxx±0.10	.xxx°±1.0°	Sunny.Xu

TEL: +86 400 1048 018

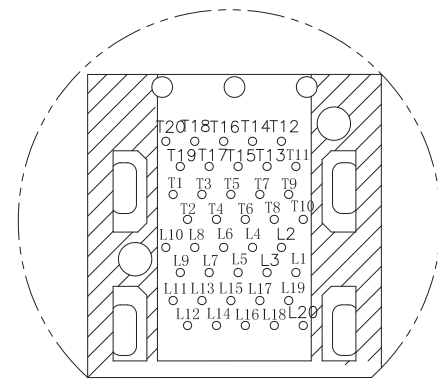
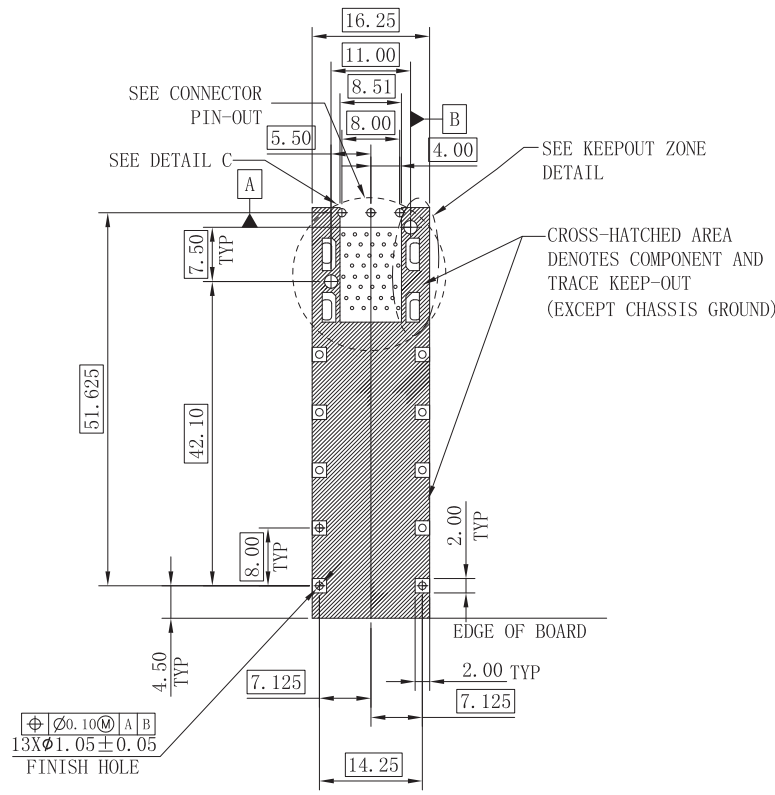
WEB: WWW.WOHU-TEK.COM

TITLE: SFP+ 2x1 Press Fit Connector
PART NO.: WHSFP15221D010
REMARK: gold plated 15u”

SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song	
SACLE 1:1	REV A0	x±0.35	x°±3.0°	CHECKED BY:	
		.x±0.30	.x°±2.0°	Elvis.Song	
		.xx±0.25	.xx°±1.5°	DESIGND BY:	
		.xxx±0.10	.xxx°±1.0°	Sunny.Xu	

S+C02

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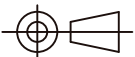


CONNECTOR PIN-OUT
COMPONENT SIDE OF BOARD

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

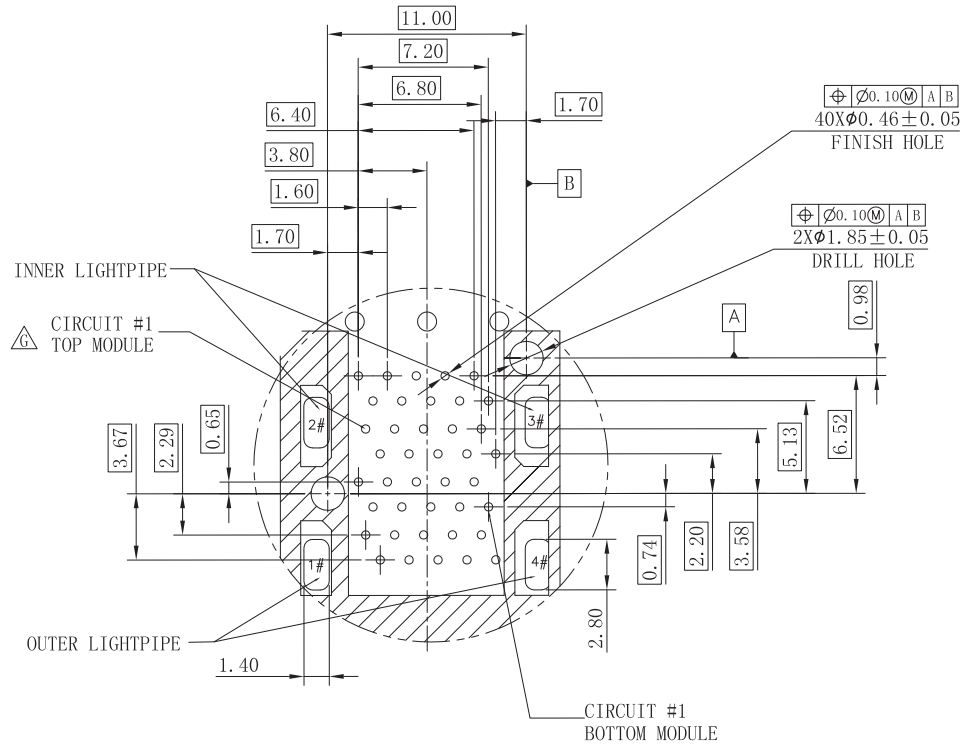
THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT
TO BE CONSIDERED THE KEEP OUT AREA FOR COMPONENTS
(OTHER THAN LIGHT PIPE LED'S)
THIS AREA IS INDICATED BY THE DASHED LINE

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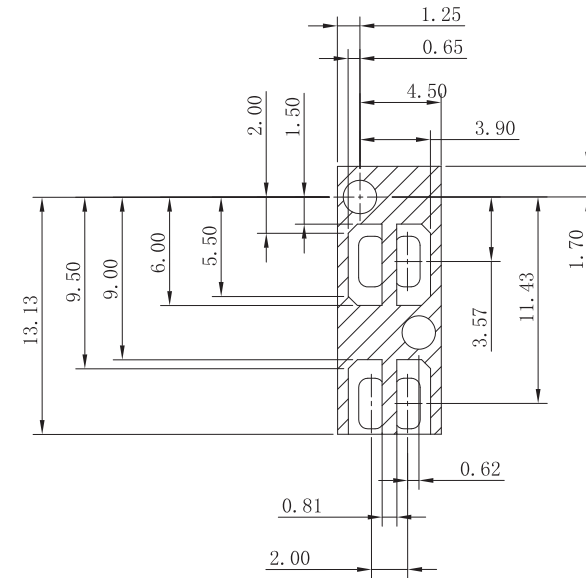
A	 苏州沃虎电子科技有限公司 Su Zhou Voohu Electronic Tech.Co.Ltd		TITLE: SFP+ 2x1 Press Fit Connector	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song
			PART NO.: WHSFP15221D010	SACLE 1:1	REV A0	x±0.35	x°±3.0°	CHECKED BY:
	TEL: +86 400 1048 018 WEB: WWW.WOHU-TEK.COM		REMARK: gold plated 15u"	SHEET 3/4		.xx±0.25	.xx°±1.5°	DESIGND BY:
						.xxx±0.10	.xxx°±1.0°	Sunny.Xu

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DETAIL C
SCALE 5:1



RoHS Compliant

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.:
WHSFP15221D010

SACLE
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
DESIGND BY:
Sunny.Xu

REMARK:
gold plated 15u"

SHEET
4/4



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