

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:

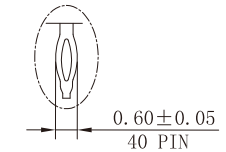
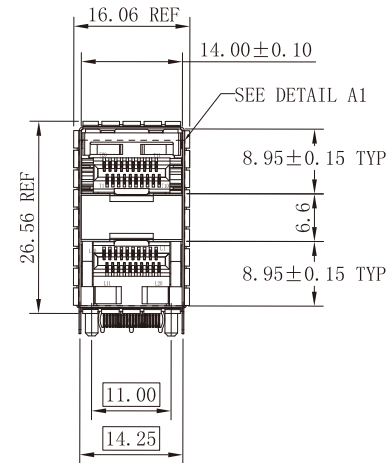
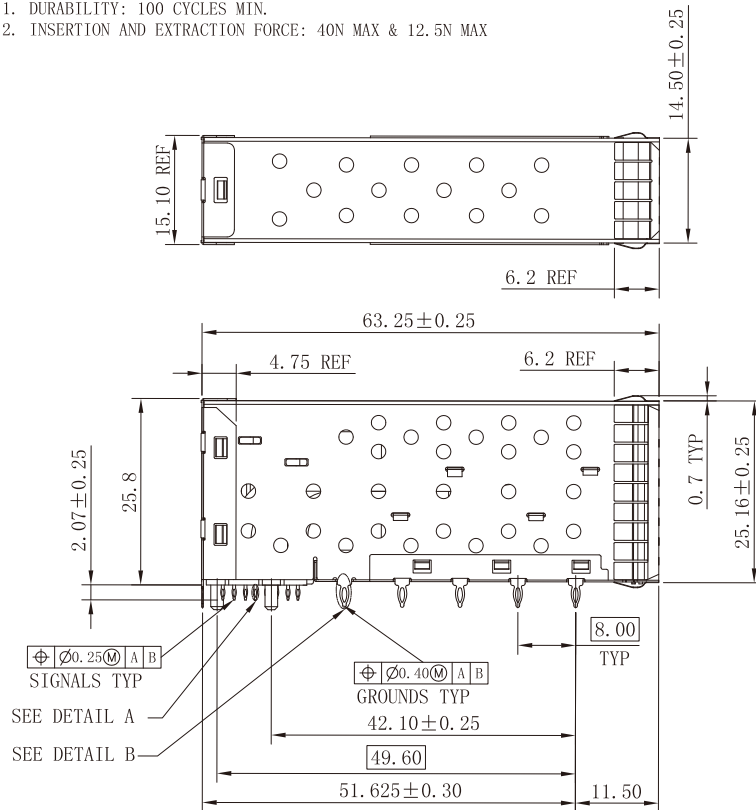
1. CONTACT MATING AREA : PLATING GOLD OVER 1.27 MICROMETERS MINIMUM NICKEL.
2. CONTACT NEEDLE EYE: 2.54 MICROMETERS MINIMUM MATTE TIN OVER 1.27 MICROMETERS MINIMUM NICKEL.

MECHANICAL REQUIREMENT:

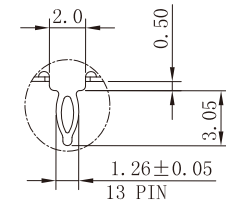
1. DURABILITY: 100 CYCLES MIN.
2. INSERTION AND EXTRACTION FORCE: 40N MAX & 12.5N MAX

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.:

WHSFP15121D002

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:

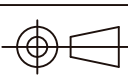
Elvis.Song

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:

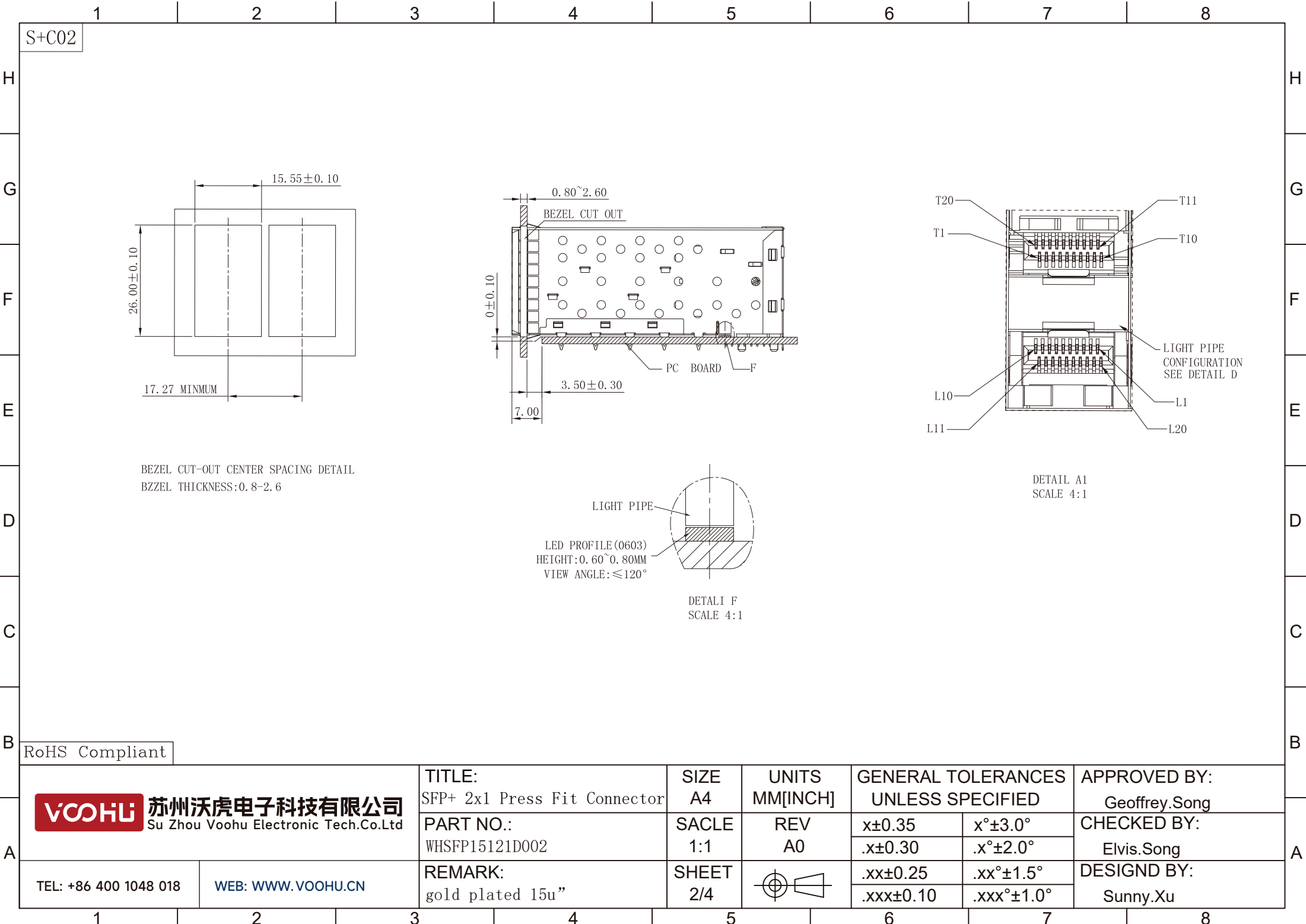
Sunny.Xu



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.VOOHU.CN



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

DETAIL A1
SCALE 4:1

DETAILI F
SCALE 4:1

RoHS Compliant

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TITLE:
SFP+ 2x1 Press Fit Connector
PART NO.:
WHSFP15121D002
REMARK:
gold plated 15u"

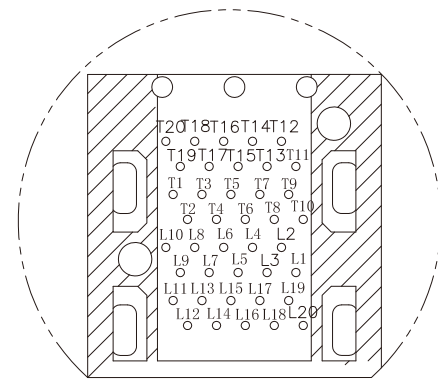
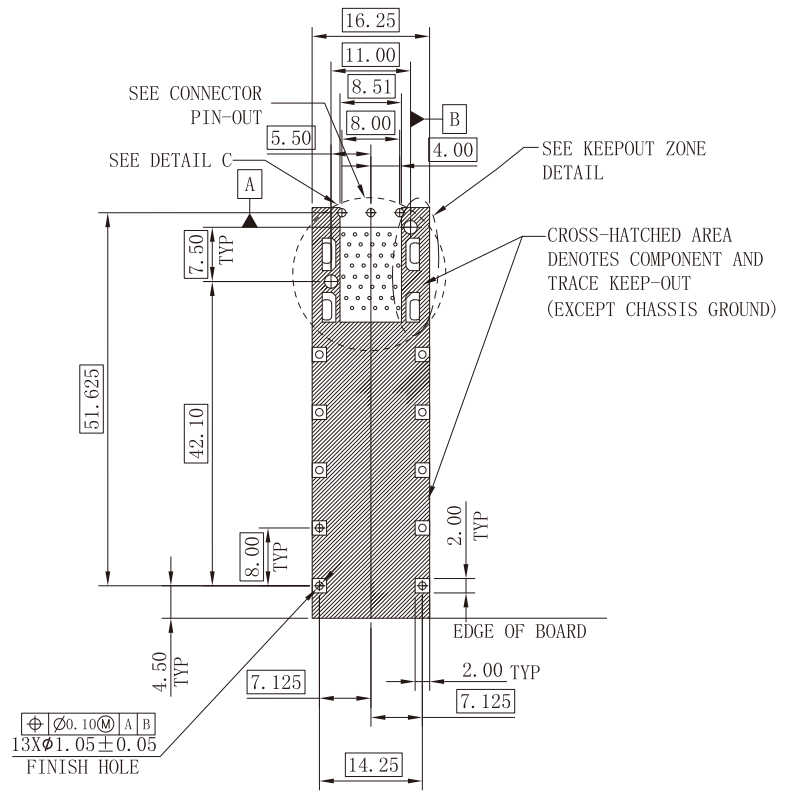
SIZE
A4
SACLE
1:1
SHEET
2/4

UNITS
MM[INCH]
REV
A0

GENERAL TOLERANCES
UNLESS SPECIFIED
x±0.35
.x±0.30
.xx±0.25
.xxx±0.10
x°±3.0°
.x°±2.0°
.xx°±1.5°
.xxx°±1.0°

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

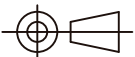
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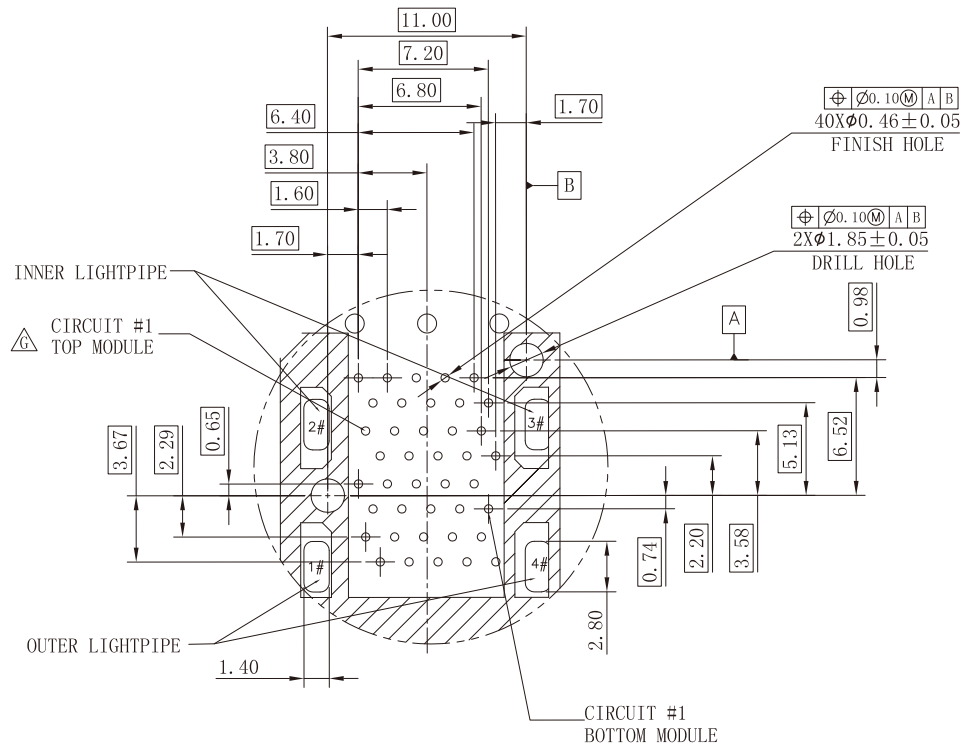
RECOMMENDED PCB LAYOUT-COMPONENT SIDE
RECOMMENDED PCB THICKNESS-2.63MM

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

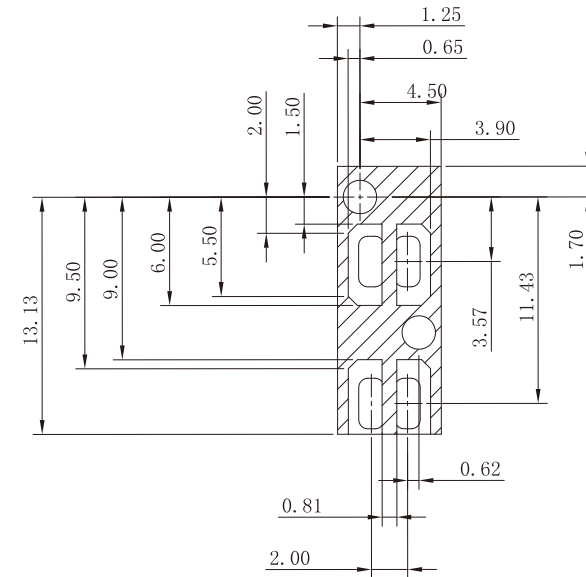
RoHS Compliant

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.: WHSFP15121D002	SACLE 1:1	REV A0	x±0.35	x°±3.0°	CHECKED BY:	
	TEL: +86 400 1048 018 WEB: WWW.VOOHU.CN		REMARK: gold plated 15u"	SHEET 3/4		.xx±0.25	.xx°±1.5°	DESIGND BY: Sunny.Xu	
						.xxx±0.10	.xxx°±1.0°		

S+C02



DETAIL C
SCALE 5:1



KEEP-OUT ZONE
DETAIL SCALE 5:1

RoHS Compliant

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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.:
WHSFP15121D002

SACLE
1:1

REV
A0

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

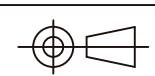
$x^\circ \pm 3.0^\circ$
 $.x^\circ \pm 2.0^\circ$
 $.xx^\circ \pm 1.5^\circ$
 $.xxx^\circ \pm 1.0^\circ$

CHECKED BY:
Elvis.Song

DESIGND BY:
Sunny.Xu

REMARK:
gold plated 15u"

SHEET
4/4



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