

SC02

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:

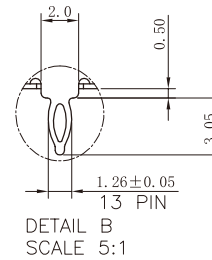
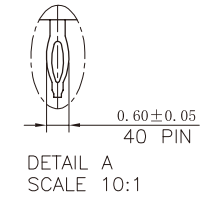
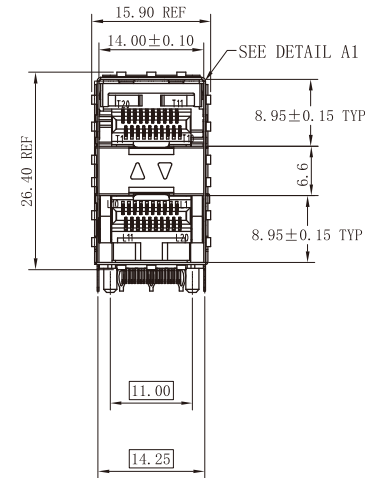
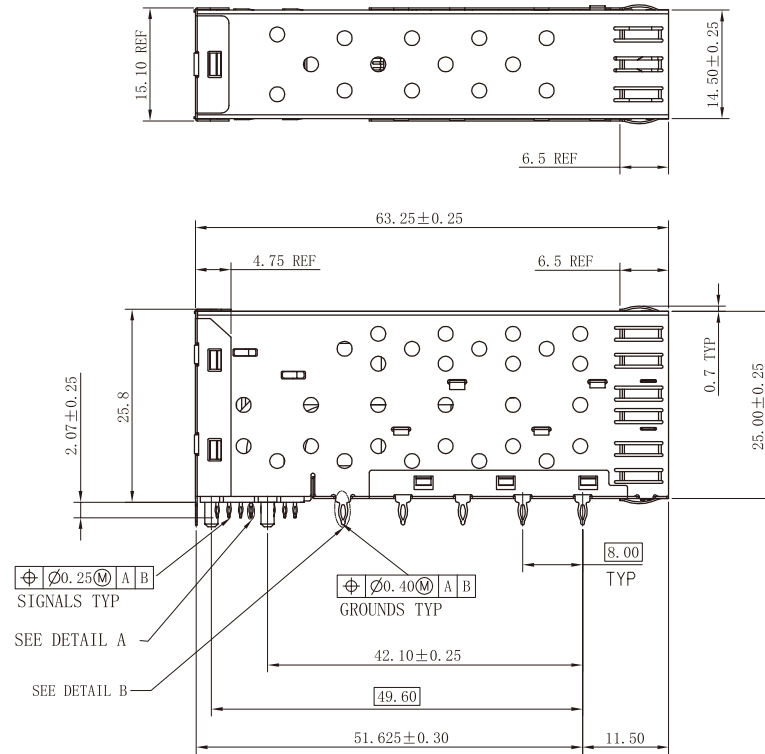
1. CONTACT MATING AREA : PLATING GOLD OVER 1.27 MICROMETERS MINIMUM NICKEL.
2. CONTACT NEEDLE EYE: 2.54 MICROMETERS MINIMUM MATTE TIN OVER 1.27 MICROMETERS MINIMUM NICKEL.

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



RoHS Compliant

TITLE:

SFP 2X1 CONNECTOR

SIZE
A4

UNITS
MM[INCH]

GENERAL TOLERANCES
UNLESS SPECIFIED

APPROVED BY:
Geoffrey.Song

PART NO.:

WHSFP05221D032

SACLE
1:1

REV
A0

± 0.35
 ± 0.30

$\pm 3.0^\circ$
 $\pm 2.0^\circ$

CHECKED BY:
Elvis.Song

REMARK:

gold plated 15u"

SHEET
1/3



± 0.25
 ± 0.10

$\pm 1.5^\circ$
 $\pm 1.0^\circ$

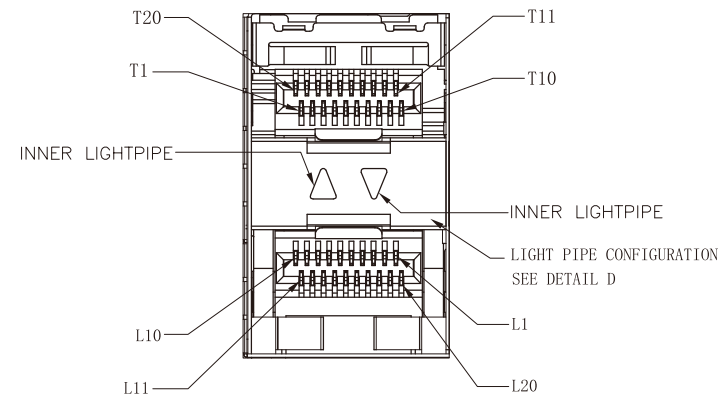
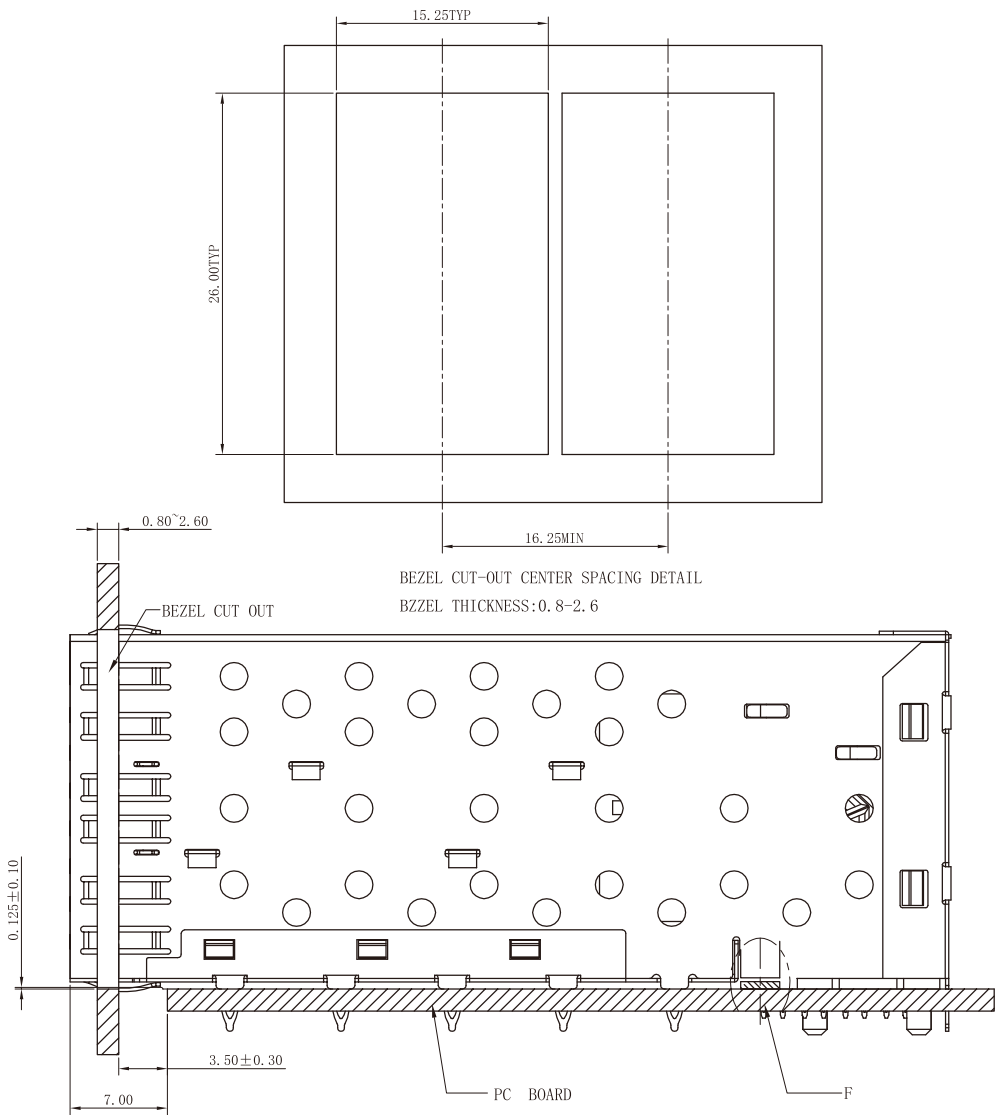
DESIGND BY:
Sunny.Xu

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

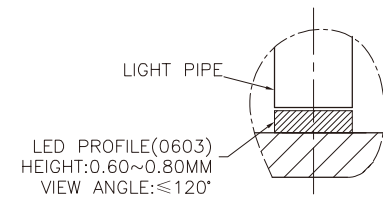
TEL: +86 400 1048 018

WEB: WWW.VOOHU.CN

SC02



DETAIL A1
SCALE 4:1



DETAIL F
SCALE 4:1

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 CONNECTOR

SIZE
A4

UNITS
MM[INCH]

GENERAL TOLERANCES
UNLESS SPECIFIED

APPROVED BY:
Geoffrey.Song

PART NO.:
WHSFP05221D032

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
2/3



TEL: +86 400 1048 018

WEB: WWW.VOOHU.CN

H

G

F

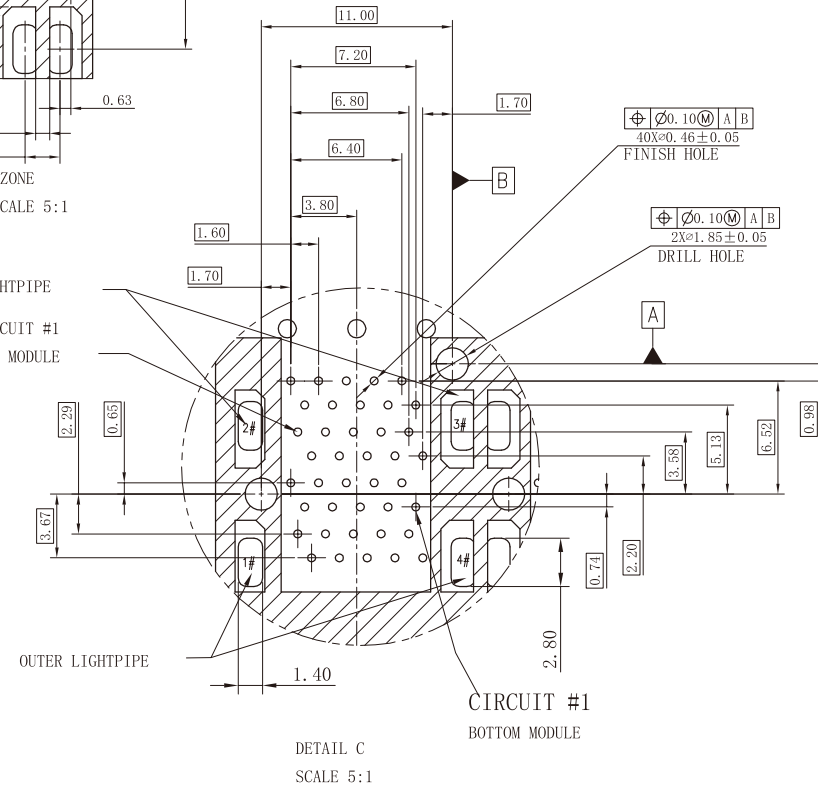
E

D

C

B

A



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

DESIGND BY:	Sunny.Xu
-------------	----------

WEB: WWW.VOOHU.CN