

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.

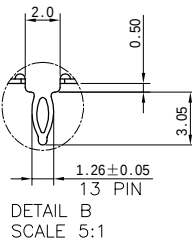
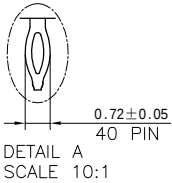
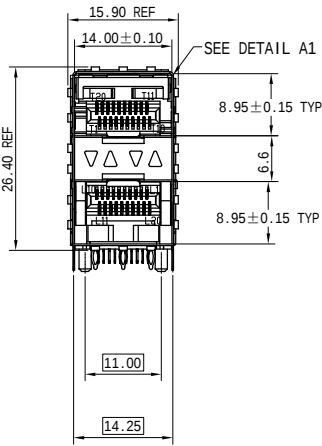
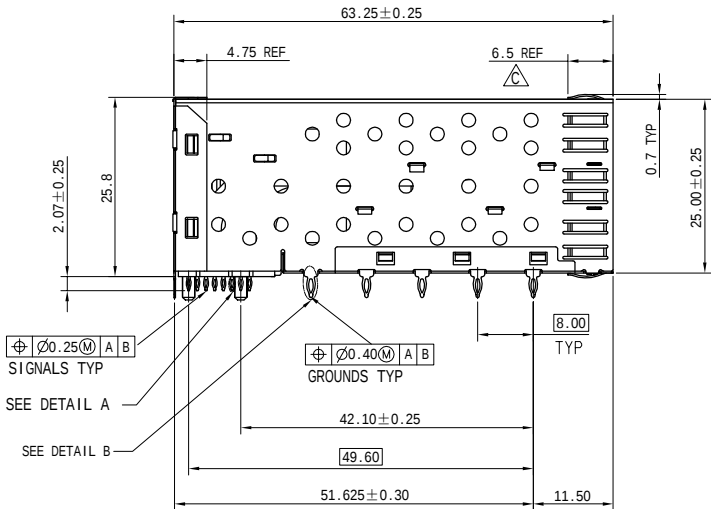
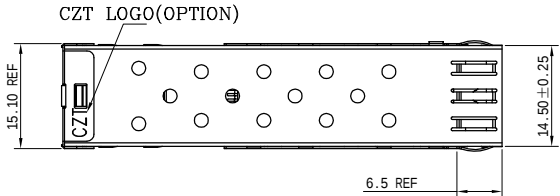
MECHANICAL REQUIREMENT:

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

REV. 版本	ECN NO. 变更说明	DATE 日期
A-D	见老版图纸	
E	修改图纸	2018.08.08
F	调整图纸	2018.12.20
G	调整标注	2019.08.07



RoHS Compliant

CZT

温州意华接插件股份有限公司

TOLERANCES 公差
.X ±0.25
.XX ±0.13
.XXX ±0.10
ANGLES: ±2°

Material: 材质
Finish: 电镀

SEE NOTE
SEE NOTE

Designed: 设计
Checked: 审核
Approved: 核准

Lamei Tang
Qianpu Zhao
Robin

NAME: 名称
DWG NO: 图号
PART NO: 料号

SFP 2X1 CONNECTOR
ESFP11062701-C
SEE TABLE

REV. 版本
G

第三视角
A4
SIZE

SCALE 比例
2:1

UNIT 单位
mm

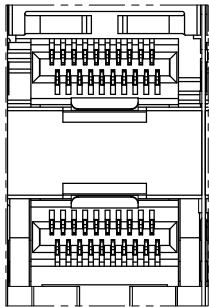
CUSTOMER: 客户
MODEL NO: 模号

N/A
N/A

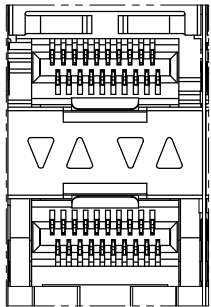
SHEET 1 OF 5
第 页 共 页

SC02

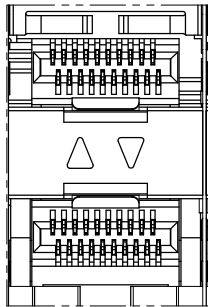
REV. 版本	ECN NO. 变更说明	DATE 日期



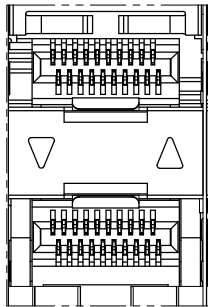
TYPE1_NONE LIGHT PIPES



TYPE2_4 LIGHT PIPES

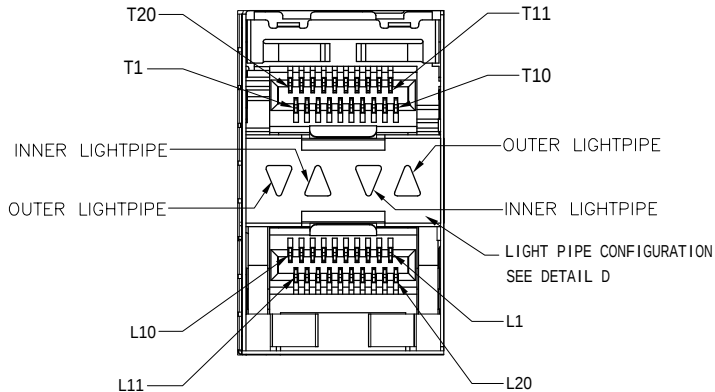


TYPE1_3 INNER LIGHT PIPES



TYPE4_2 OUTER LIGHT PIPES

LIGHT PIPE CONFIGURATION
DETAIL D SCALE 2:1



DETAIL A1
SCALE 4:1

RoHS Compliant

CZT 温州意华接插件股份有限公司

TOLERANCES
公差
.X ±0.25
.XX ±0.13
.XXX ±0.10
ANGLES: ±2°

Material:
材质
Finish:
电镀

SEE NOTE
SEE NOTE

Designed:
设计
Checked:
审核
Approved:
核准

Lamei Tang
Qianpu Zhao
Robin

NAME:
名称
DWG NO:
图号
PART NO:
料号

SFP 2X1 CONNECTOR
ESFP11062701-C
SEE TABLE

REV.
版本
G

第三视角

A4
SIZE

SCALE
比例
2:1

UNIT
单位
mm

CUSTOMER:
客户
MODEL NO:
模号

N/A
N/A

SHEET 2 OF 5
第 2 页 共 5 页

受控编号: QR-SF-002-002 1

2

3

4

SC02				REV. 版本		ECN NO. 变更说明		DATE 日期	

受控编号: QR-SF-002-002 1

2

3

4

SC02

REV. 版本	ECN NO. 变更说明	DATE 日期

A

A

B

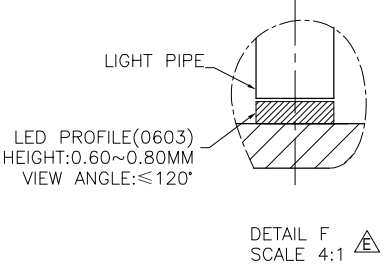
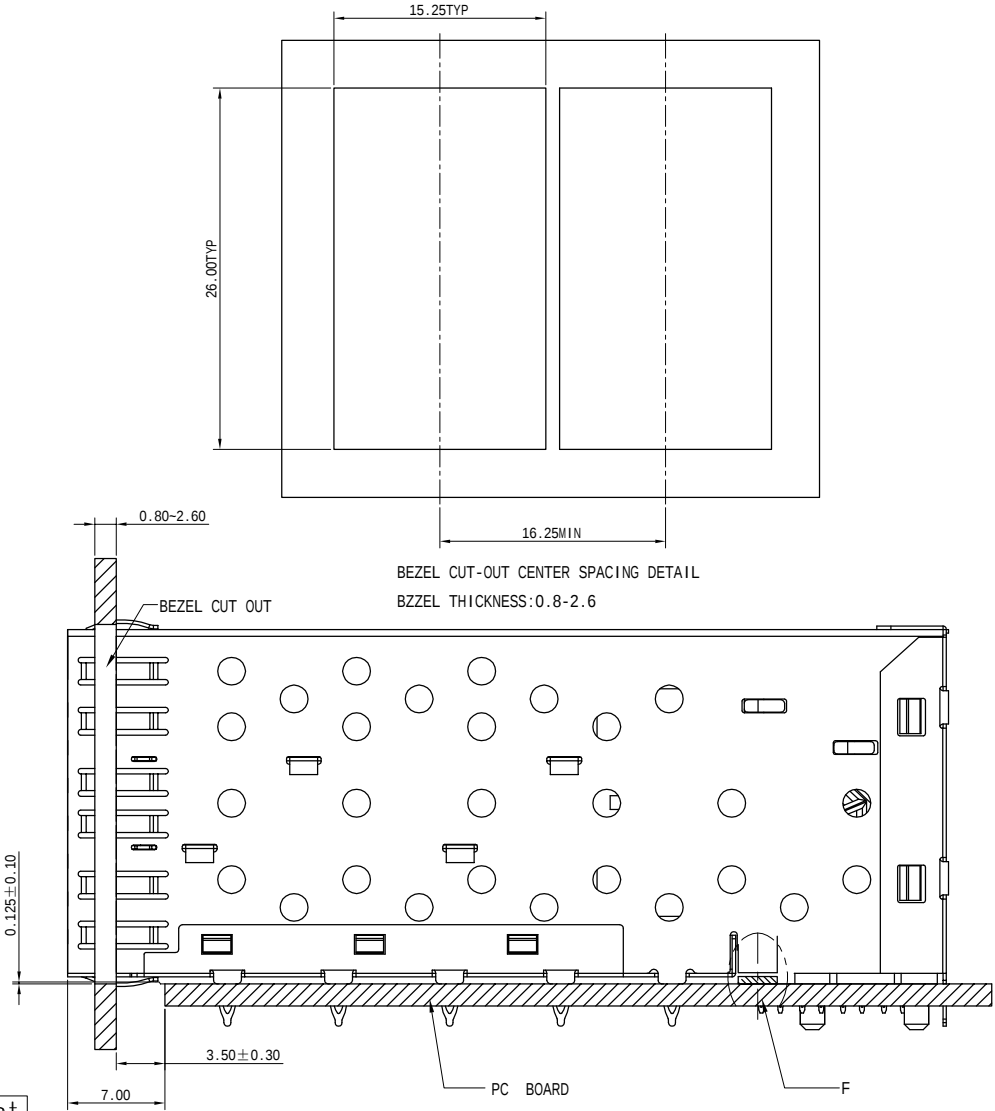
B

C

C

D

D



RoHS Compliant

CZT 温州意华接插件股份有限公司

TOLERANCES
公差
.X ±0.25
.XX ±0.13
.XXX ±0.10
ANGLES: ±2°

Material:
材质
Finish:
电镀

SEE NOTE
SEE NOTE
SHEET 4 OF 5
第 4 页 共 5 页

Designed:
设计
Checked:
审核
Approved:
核准

Lamei Tang
Qianpu Zhao
Robin

NAME:
名称
DWG NO:
图号
PART NO:
料号

SFP 2X1 CONNECTOR
ESFP11062701-C
SEE TABLE
REV.
版本
G

第三视角

A4
SIZE

SCALE
比例
2:1

UNIT
单位
mm

CUSTOMER:
客户
MODEL NO:
模号

N/A
N/A

1

2

3

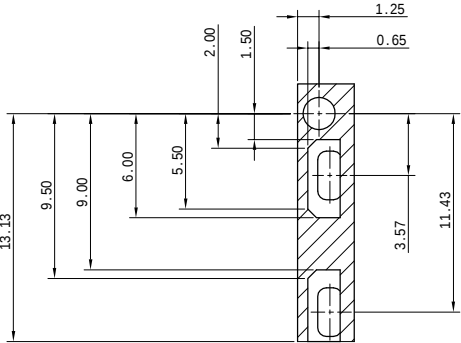
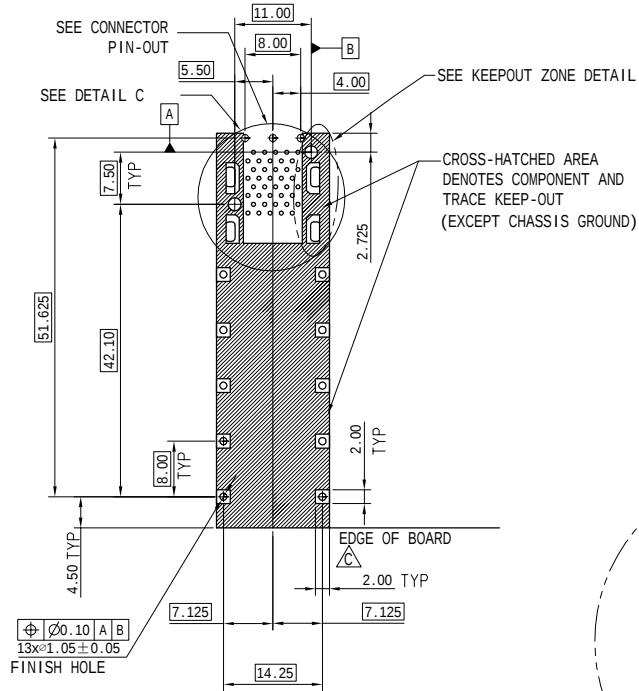
4

REV. 版本	ECN NO. 变更说明	DATE 日期

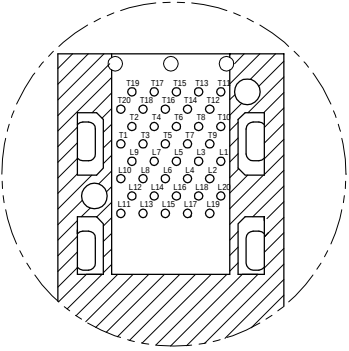
A

B

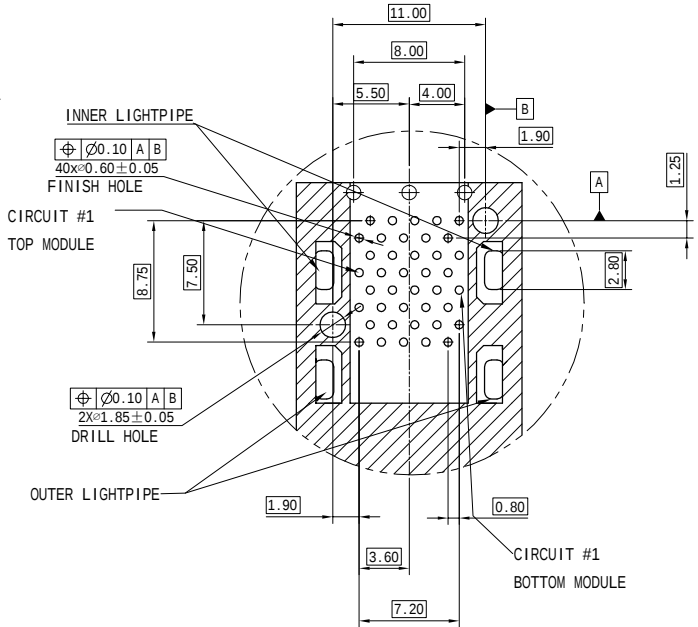
C



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 KEEP OUT AREA FOR COMPONENTS
(OTHER THAN LIGHT PIPE LED'S)
THIS AREA IS INDICATED BY THE DASHED LINE

D

RoHS Compliant

CZT 温州意华接插件股份有限公司

TOLERANCES
公差
.X ±0.25
.XX ±0.13
.XXX ±0.10
ANGLES: ±2°

Material:
材质
Finish:
电镀

SEE NOTE
SEE NOTE

Designed:
设计
Checked:
审核
Approved:
核准

Lamei Tang
Qianpu Zhao
Robin

NAME:
名称
DWG NO:
图号
PART NO:
料号

SFP 2X1 CONNECTOR
ESFP11062701-C
SEE TABLE

REV.
版本
G

第三视角
A4
SIZE

SCALE
比例
2:1

UNIT
单位
mm

CUSTOMER:
客户
MODEL NO:
模号

N/A
N/A

SHEET 5 OF 5
第 5 页 共 5 页