

RoHS Compliant

更改 REV	设计内容 MODIFICATION	日期 DATE	制图 DRAW	核准 APPROVE
A	图面发行	2012/10/29	LINYUN	ZHANG

NOTE:
MATERIAL:

1. CONTACT: PHOSPHOR BRONZE T=0.20mm.
2. CONNECTOR HOUSING: HIGH TEMPERATURE PLASTIC UL 94V-0. COLOR: BLACK.
3. MOULDED INSERT: HIGH TEMPERATURE PLASTIC UL 94V-0. COLOR:BLACK.
4. CAGE: COPPER ALLOY T=0.25mm.
5. LIGHT PIPES: POLYCARBONATE. UL 94V-0. COLOR:CLEAR
6. LIGHT PIPE HOUSING: PBT+30%G.F UL 94V-0 COLOR:BLACK.
7. EMI CLIP: COPPER ALLOY.

PLATED:

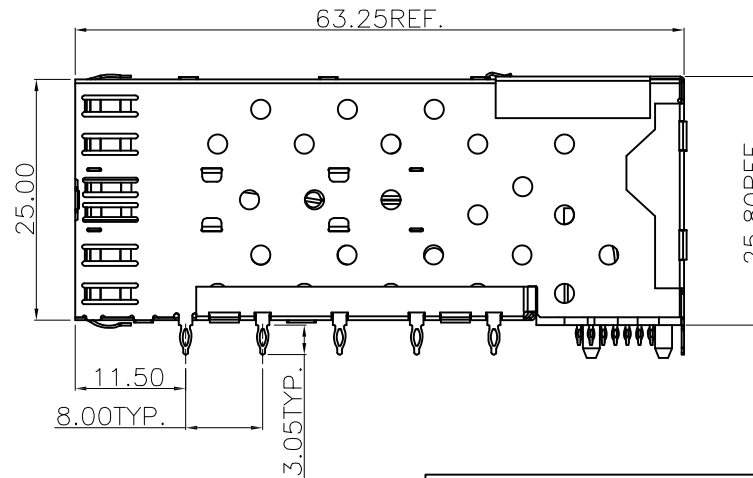
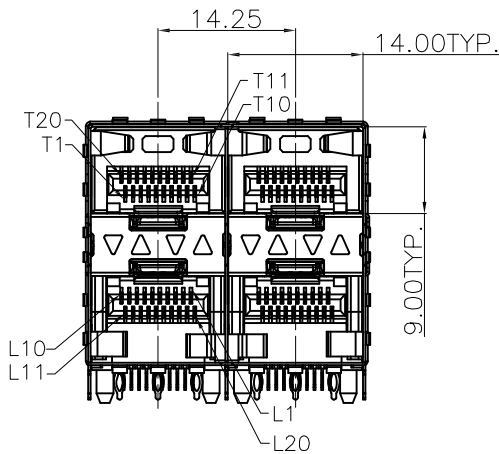
1. CONTACT AREA : PLATING GOLD(SEE TABLE) MINIMUM OVER 1.25~2.54 MICROMETERS NICKEL.
2. CONTACT NEEDLE EYE: 2.54~5.08 MICROMETERS MATTE TIN OVER 1.25~2.54 MICROMETERS NICKEL.
3. EMI CLIP: 2.54~5.08 MICROMETERS TIN OVER 0.76~2.54 MICROMETERS NICKEL.

MECHANICAL REQUIREMENT:

1. DURABILITY: 100 CYCLES MINIMUM.
2. INSERTION AND EXTRACTION FORCE: 40N MAXIMUM & 11.5N MAXIMUM

ENVIRONMENTAL:

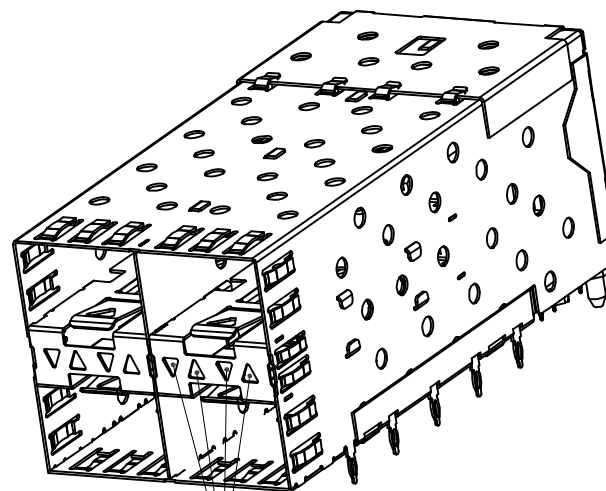
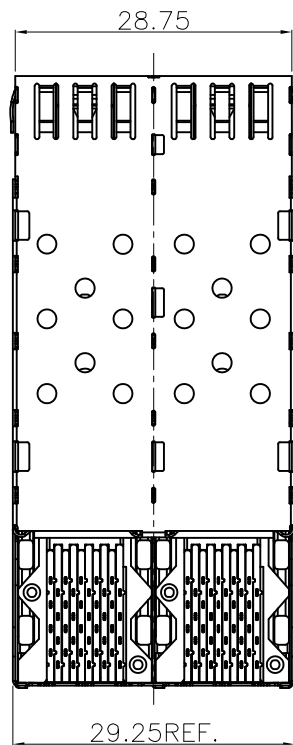
1. LOW LEVEL CONTACT RESISTANCE(LLCR):
D R 10 MILLIOHMS MAXIMUM FOR SHIELD AND SIGNAL CONTACTS.
2. WITHSTANDING VOLTAGE: 300V AC/MAXIMUM.
3. INSULATION RESISTANCE: 1×10^9 OHMS MINIMUM.
4. RATINGS CURRENT: 0.5 Amps MAXIMUM.
5. RATINGS VOLTAGE: 120 volts AC.
6. OPERATION: -40°C~+85°C.
7. STORAGE: -55°C~+105°C.
8. ROHS COMPLIANT



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QC : Inspection Item CPK	Cp/Cpk and SPC Control Item	DIMENSION IN mm [Inch]		料号 PART NO: CQ047-SFP-2X2-L42-P		图号 DWG NO. SFP-2X2-L42-GZ	
		TOLERANCE UNLESS OTHERWISE SPECIFIED					
		.X± 0.25	X.°± 1°	名称 TITLE SFP CAGE 2X2 PRESS FIT WITH LIGHTPIPE			
		.XX± 0.20	.X.°± 0.5°				
		.XXX± 0.15					
核准 APPROVE ZHANG	审核 CHECK LIJY	制图 DRAW LINYUN	画法 PROJ.  比例 SCALE 1:1	图框 SIZE A3	图数 SHEET 1 / 1	更改 REV A	

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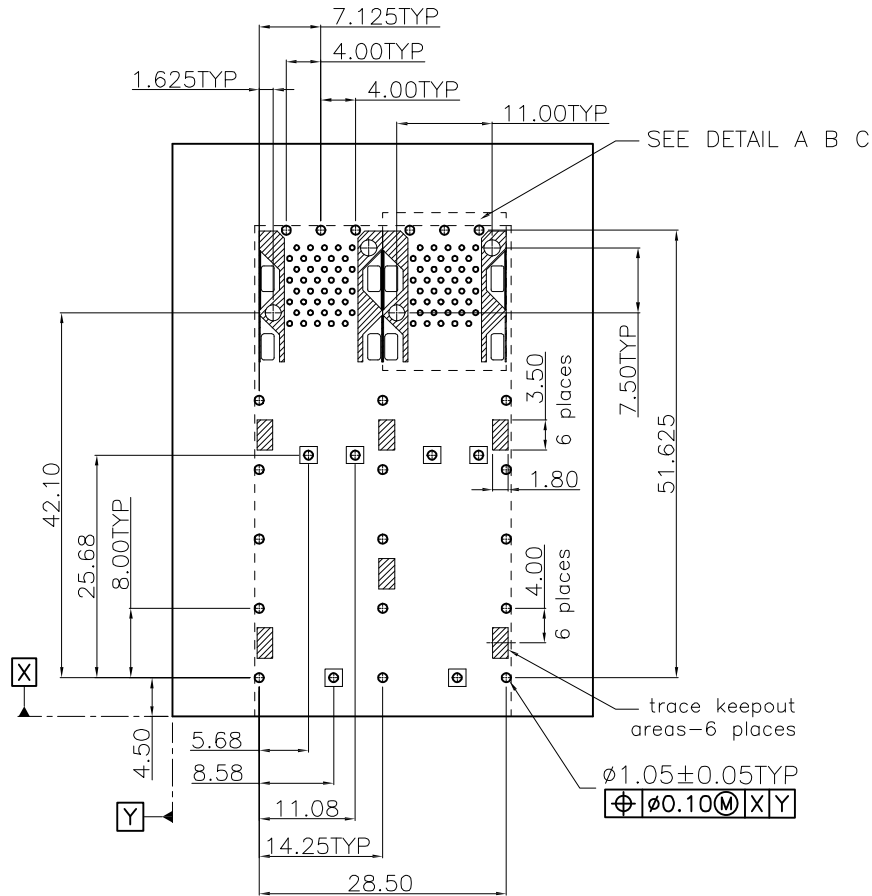


INNER/OUTER LIGHT PIPE

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QC Inspection Item	CPK Cp/Cpk and SPC Control Item	DIMENSION IN mm [Inch]		料号 PART NO: CQ047-SFP-2X2-L42-P		图号 DWG NO. SFP-2X2-L42-GZ	
		TOLERANCE UNLESS OTHERWISE SPECIFIED					
		.X±0.25	X.°± 1°	名称 TITLE SFP CAGE 2X2 PRESS FIT WITH LIGHTPIPE			
		.XX±0.20	.X°± 0.5°				
		.XXX±0.15					
核准 APPROVE ZHANG		审核 CHECK LIJY		制图 DRAW LINYUN		画法 PROJ. 比例 SCALE 1:1	
						图数 SHEET 1 / 2	
				图框 SIZE A3		更改 REV A	

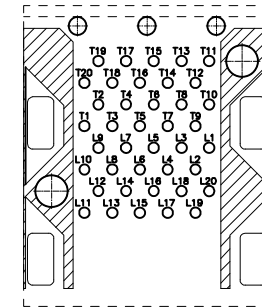
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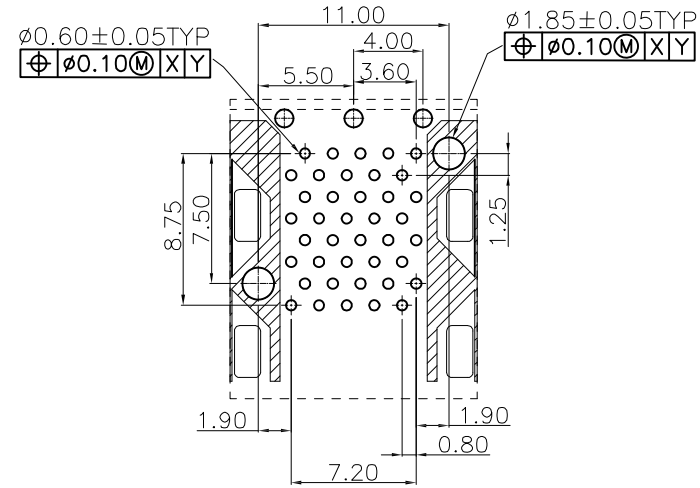


RECOMENDED PCB LAOUT (COMPONENT SIDE)
PCB TOLERANCE ±0.05

1. RECOMMENDED PCB THICKNESS:2.36
(MINIMUM PCB THICKNESS:1.57)
2. 当用户采用兼容性零件时，应在此处标注PCB LAYOUT图有设计，但不可比此图标注处无对应引脚。



DETAIL A
SCALE 2:1

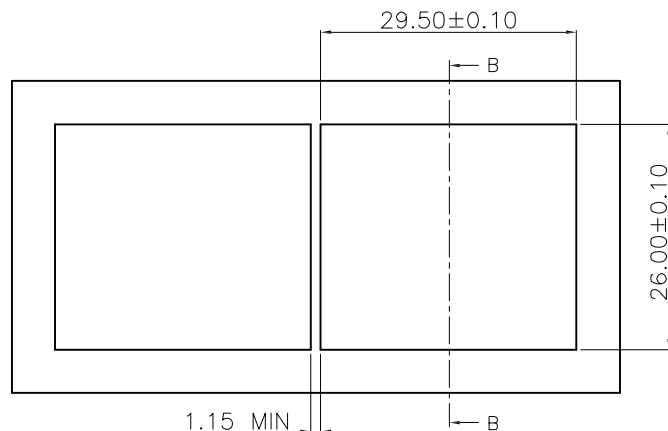


DETAIL B
SCALE 2:1

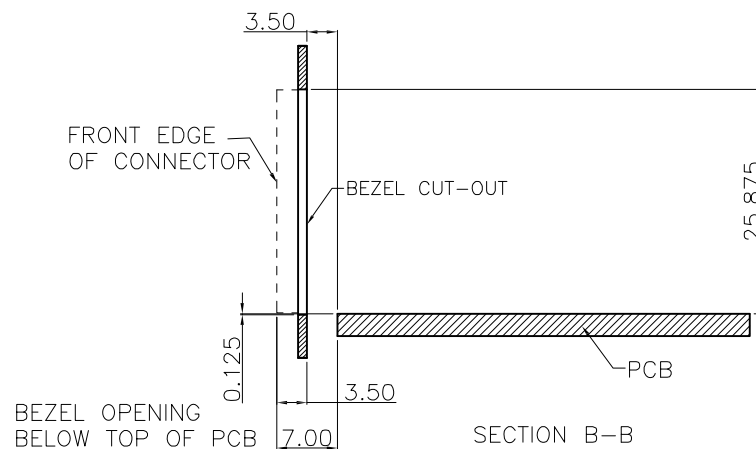
HTTPS://WWW.CHNCONN.COM		深圳市创勤电子有限公司 SHENZHEN CHUANGQIN ELECTRONICS CO., LTD.		
◎◎ : Inspection Item ◎ : Cp/Cpk and SPC Control Item	DIMENSION IN mm [Inch]		料号 PART NO:	图号 DWG NO.
	TOLERANCE UNLESS OTHERWISE SPECIFIED		CQ047-SFP-2X2-L42-P	SFP-2X2-L42-GZ
	.X±0.25 X:°± 1°		标题 TITLE	
	.XXX±0.15		SFP CAGE 2X2 PRESS FIT WITH LIGHTPIPE	
核准 APPROVE	检查 CHECK	制图 DRAW	画法 PROJ.	图例 SHEET
ZHANG	LIJY	LINYUN	比例 SCALE 1:1	图例 SIZE A3
			图例 SCALE 1:1	图例 SIZE A3
			图例 SCALE 1:1	图例 SIZE A3

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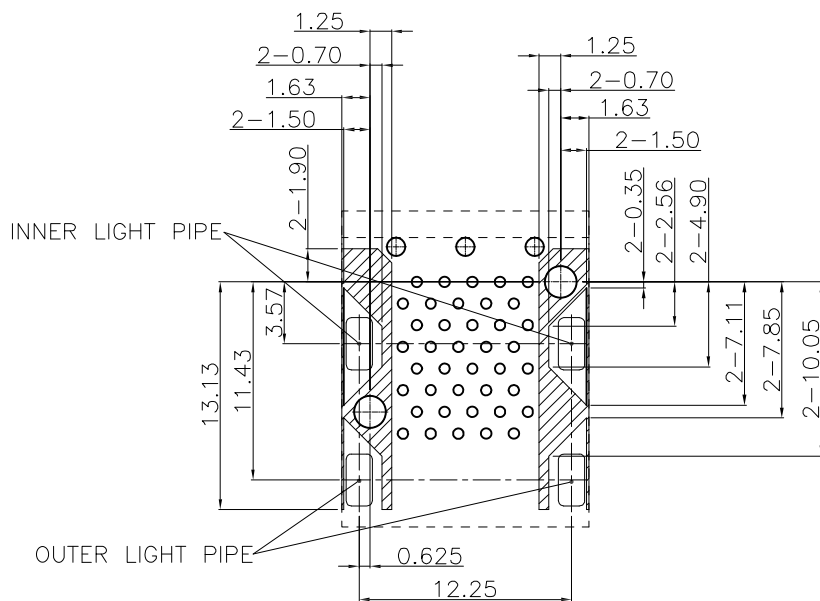
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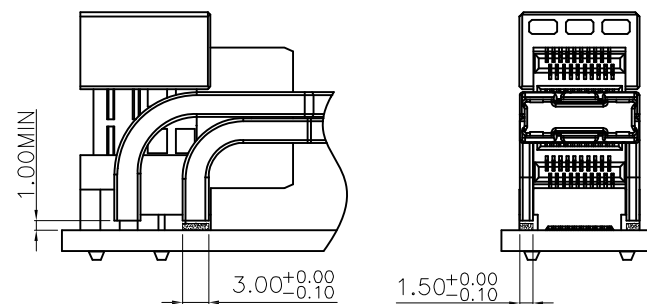
BEZEL
RECOMMENDED PANEL CUTOUT AND PC BOARD
PANEL POSITION AND THICKNESS 0.8-2.6



SECTION B-B



DETAIL C
SCALE 2:1



LED CLEARANCE REQUIREMENTS

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	.X±0.25	X*.± 1°			
	.XX±0.20	.X*± 0.5°			
	.XXX±0.15				
核准 APPROVE ZHANG	审核 CHECK LIJY	制 图 DRAW LINYUN	角法 PROJ.  比例 SCALE 1:1	页数 SHEET 1 / 4	图框 SIZE A3 更改 REV A