

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	JY LEE	HERMAN

NOTE:

MATERIAL:

- CONTACT: PHOSPHOR BRONZE T=0.20mm.
- CONNECTOR HOUSING: HIGH TEMPERATURE PLASTIC UL 94V-0. COLOR: BLACK.
- MOULDED INSERT: HIGH TEMPERATURE PLASTIC UL 94V-0. COLOR:BLACK.
- CAGE: COPPER ALLOY T=0.25mm.

PLATED:

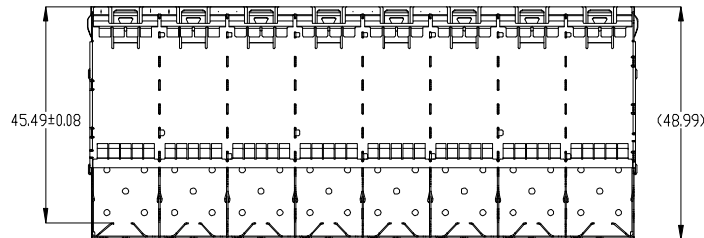
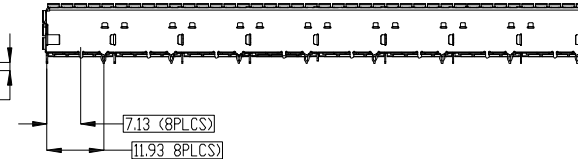
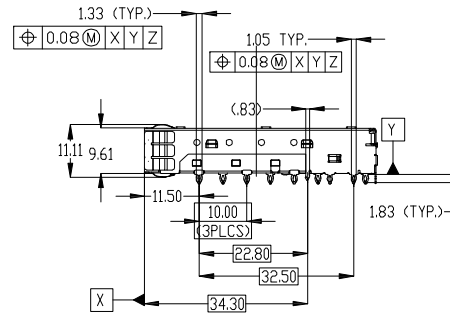
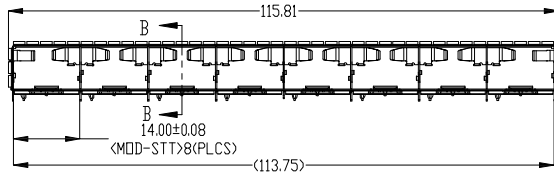
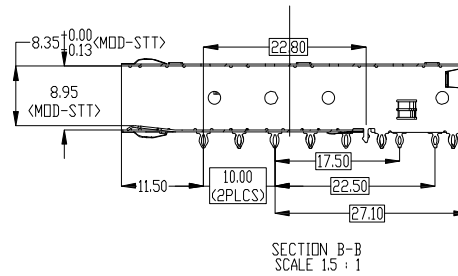
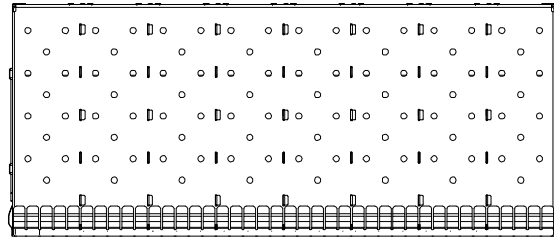
- CONTACT AREA : PLATING GOLD 0.38 MICROMETERS MINIMUM
OVER 1.25~2.54 MICROMETERS NICKEL.
- CONTACT NEEDLE EYE: 2.54~5.08 MICROMETERS MATTE TIN
OVER 1.25~2.54 MICROMETERS NICKEL.

MECHANICAL REQUIREMENT:

- DURABILITY: 100 CYCLES MINIMUM.
- INSERTION AND EXTRACTION FORCE: 40N MAX & 11.5N MAX

ENVIRONMENTAL:

- LOW LEVEL CONTACT RESISTANCE(LLCR):
D R 10 MILLIOHMS MAXIMUM FOR SHIELD AND SIGNAL CONTACTS.
- WITHSTANDING VOLTAGE: 300V AC/MAXIMUM.
- INSULATION RESISTANCE: 1×10^9 OHMS MINIMUM.
- RATINGS CURRENT: 0.5 Amps MAXIMUM.
- RATINGS VOLTAGE: 120 volts AC.
- OPERATION: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$.
- STORAGE: $-55^{\circ}\text{C} \sim +105^{\circ}\text{C}$.
- ROHS COMPLIANT



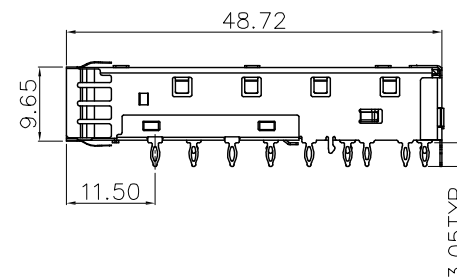
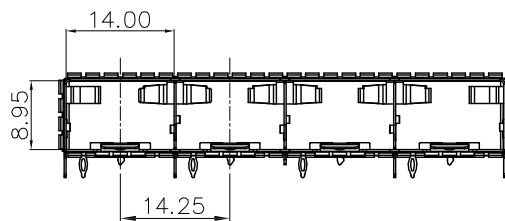
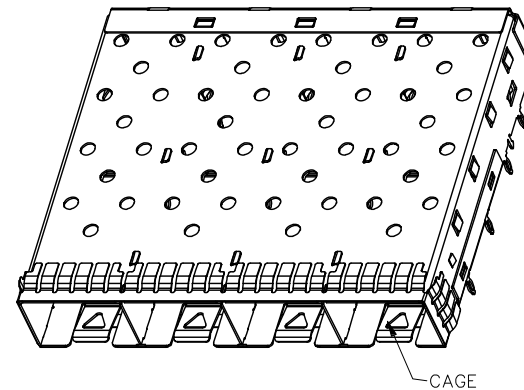
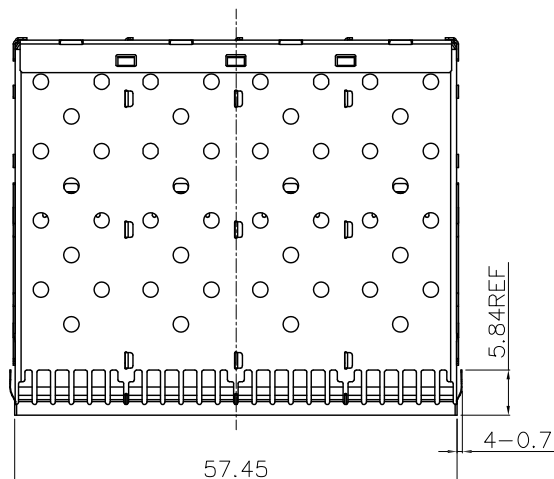
HTTPS://WWW.CHNCONN.COM			深圳市创勤电子有限公司 SHENZHEN CHUANGQIN ELECTRONICS CO., LTD.				
QC : Inspection Item CPK : Cp/Cpk and SPC Control Item	DIMENSION IN mm [Inch]		料号 PART NO:		图号 DWG NO.		
	TOLERANCE UNLESS OTHERWISE SPECIFIED		SFP28-1X8-L0-P		SFP28-1X8-GZP		
	.X± 0.25	X°.± 1°	名称 TITLE SFP28 CAGE 1X8 PRESS FIT				
	.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		页数 SHEET 1 / 1
				图框 SIZE A3	更改 REV A		



QC : Inspection item CPK : Cp/Cpk and SPC Control item		HTTPS://WWW.CHNCONN.COM		深圳市创勤电子有限公司 SHENZHEN CHUANGQIN ELECTRONICS CO., LTD.													
		DIMENSION IN mm [Inch]		料号 PART NO:		图号 DWG NO.											
		TOLERANCE UNLESS OTHERWISE SPECIFIED		SFP28-1X8-L0-P		SFP28-1X8-GZP											
		.X± 0.25	X°.± 1°	名称 TITLE SFP28 CAGE 1X8 PRESS FIT													
		.XX± 0.20	.X°.± 0.5°														
		.XXX± 0.15															
核准 APPROVE		审核 CHECK		制 DRAW		画法 PROJ.				页次 SHEET		1 / 2					
ZHANG		LIJY		LINYUN		比例 SCALE		1:1		图幅 SIZE		A3		页次 REV		A	

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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

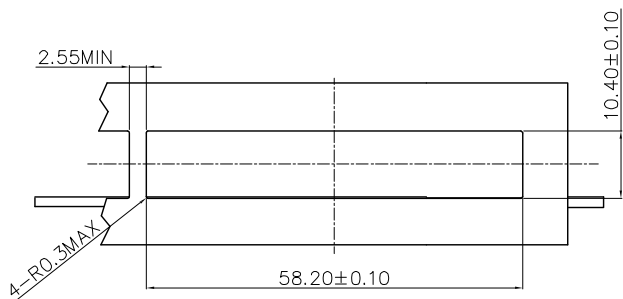


NOTES:
MECHANICAL:
CAGES: COPPER ALLOY, THICKNESS 0.25MM.
PLATING: NO NEED.
THIS CAGE IS FOR SINGLE SIDE USE ONLY.
TEMPERATURE:
OPERATION: -40°C~+85°C
STORAGE: -40°C~+85°C
RoHS COMPLIANCE.

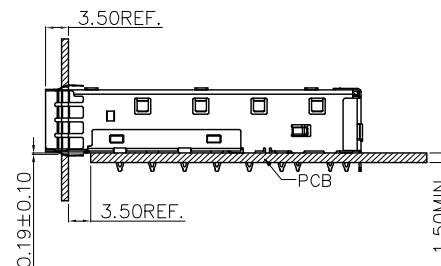
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QC : Inspection Item CPK : Cp/Cpk and SPC Control Item	DIMENSION IN mm [Inch]		料 号 PART NO:		图 号 DWG NO.				
	.X± 0.25	X.°± 1°	SFP28-1X4-L0-P		SFP28-1X4-GZF				
	.XX± 0.20	.X°± 0.5°	名称 TITLE						
	.XXX± 0.15		SFP28 CAGE 1X4 PRESS FIT						
	核准 APPROVE		审核 CHECK	制 图 DRAW	角法 PROJ.		页数 SHEET	1 / 1	
ZHANG		LIJY	LINYUN	比例 SCALE	1:1	图框 SIZE	A3	更改 REV	A

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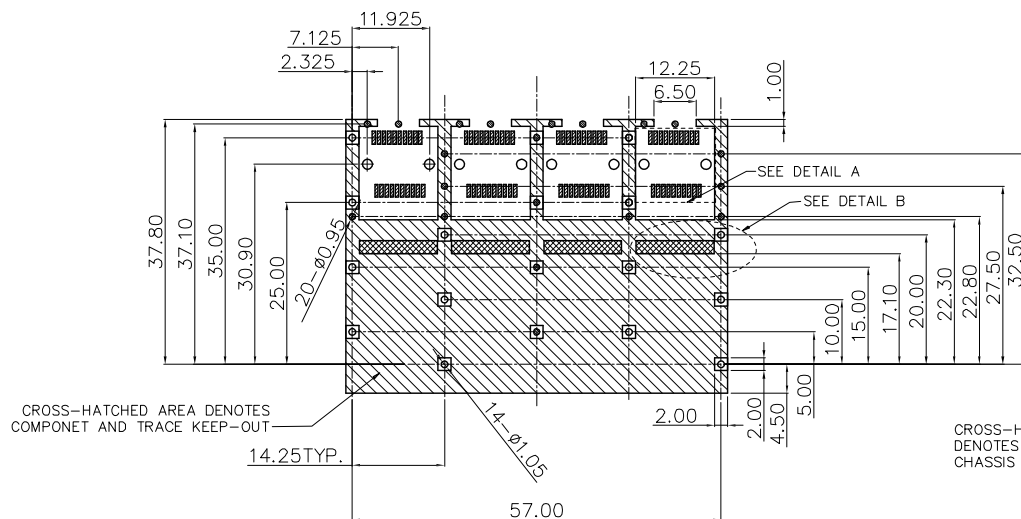


BEZEL
RECOMMENDED PANEL CUTOUT AND PC BOARD
PANEL POSITION AND THICKNESS 0.8~2.6



BEZEL OPENING
BELOW TOP OF PCB

PCB THICKNESS



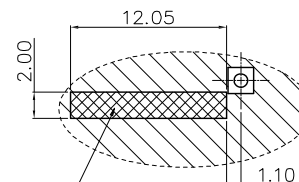
CROSS-HATCHED AREA DENOTES
COMPONENT AND TRACE KEEP-OUT

RECOMMENDED PCB LAYOUT (COMPONENT SIDE)

RECOMMENDED MINIMUM PCB THICKNESS: 1.50mm
(ALL TOLERANCES ARE ± 0.05)

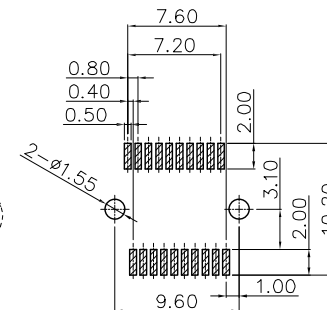
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RECOMMENDED PCB CONFIGURATION WITH KEEP-OUT
AREAS SINGLE SIDED APPLICATIONS



DETAIL B (SCALE 2:1)

CROSS-HATCHED AREA
DENOTES EXPOSED
CHASSIS GROUND



DETAIL A (SCALE 2:1)

HTTPS://WWW.CHNCONN.COM		深圳市创勤电子有限公司 SHENZHEN CHUANGQIN ELECTRONICS CO., LTD.							
QC :Inspection Item	CPK :Cp/Cpk and SPC Control Item	DIMENSION IN mm [Inch]		料号 PART NO: CQ047-SFP28-1X4-L0-P		图号 DWG NO. SFP28-1X4-GZF			
		TOLERANCE UNLESS OTHERWISE SPECIFIED		名称 TITLE SFP28 CAGE 1X4 PRESS FIT					
		.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		 图幅 SHEET A3		更改 REV A	