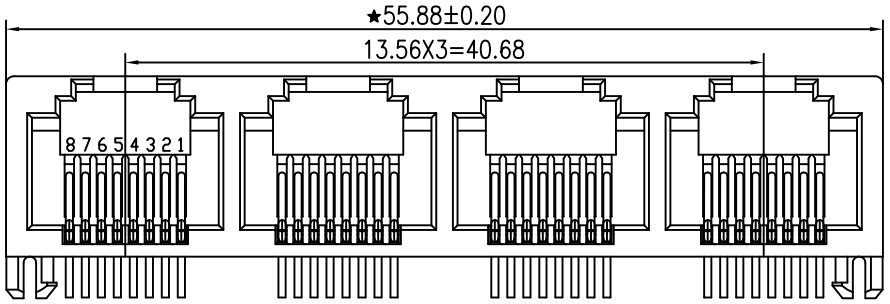
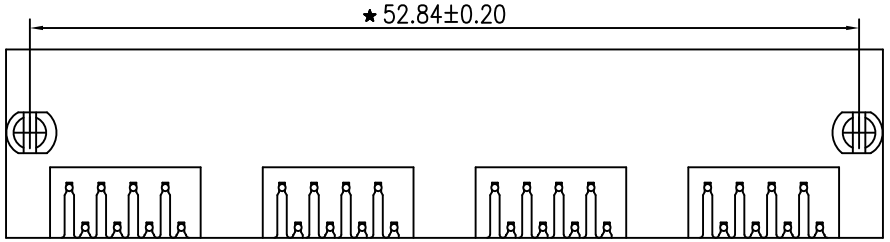
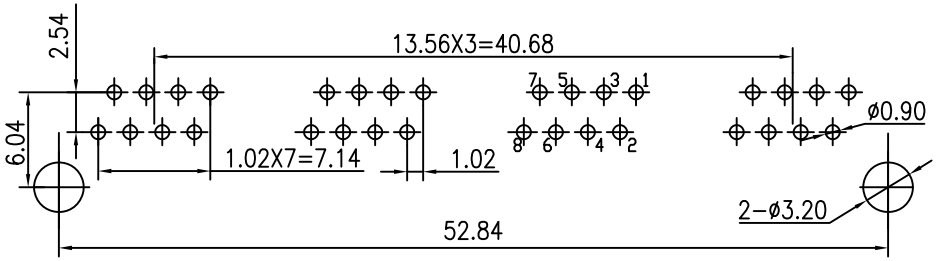
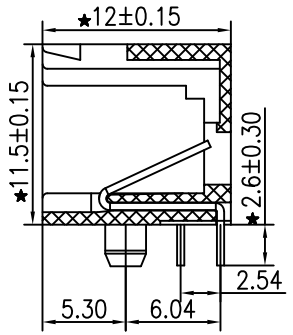
RoHS Compliant







PC Board Layout



NOTES

MECHANICAL:

1. HOUSING MATERIAL: PBT BLACK UL94V-0
2. CONTACT MATERIAL: PHOSPHOR BRONZE ø0.46mm.
3. PLATING: GOLD PLATING AT CONTACT AREA, NICKEL 30u″ MIN. OVER ALL
4. OPERATING LIFE:750 CYCLES MIN.
5. MATING/UNMATING FORCE: 30N/3.06KGf MAX
6. RETENTION STRENGTH:50N MIN. FOR 60S±5S

ELECTRICAL:

1. VOLTAGE RATING: 125 VAC RMS.
2. CURRENT RATING: 1.5 AMP.
3. CONTACT RESISTANCE : 30mΩ MAX.
4. INSULATION RESISTANCE: 1000MΩ MIN. AT 500V DC .
5. DIELECTRIC STRENGTH:1000V AC OR 1500V DC RMS AT 0.5mA 50Hz/60Hz FOR 1MINUTE.

ENVIRONMENTAL:

1. STORAGE: -40℃ TO +85℃ RELATIVE HUMIDITY<80%.
2. OPERATION: -40℃ TO +85℃.

53C 88 14 X X X X X X

Window procedure
11:1*1 14:1*4
12:1*2 16:1*6
13:1*3 18:1*8

Shield
C:Shield w/ Emi
D:Shield w/o Emi
F:Unshield w/ Led
G:Unshield w/o Led

Led style
0:No led 4:R/G
1:Y/G 5:G/O
2:G/Y 6:O/G
3:G/G 7:Y/YG

Gold plating
1:Fu 3:3u 5:15u 7:50u
2:1u 4:6u 6:30u

Materials
1:PBT 2:PA46 3:PA66
4:LCP 5:PA9T 6:ABS

Colour
1:White 2:Black 3:Red
4:Green 5:Yellow-114C
6:Gray 7:Blue

					Designer	ZWX	Tolerances(mm)	DONG GUAN SHI QIAN YI ELECTRONIC CO.,LTD
					Auditor	ZL	0.0 ±0.25	
					Authorizer	ZL	0.00 ±0.20	Title: 8P8C 1X4 全塑无灯 黄色114C B款
					SCALE	1:1	0.000 ±0.1	
DATE	ECN NO.	SPEC	DESIGNER	AUDITOR	SIZE	A4	Angles ±1°	PO NO.: 53C8814F00115

THIRD ANGLE PROJECTION