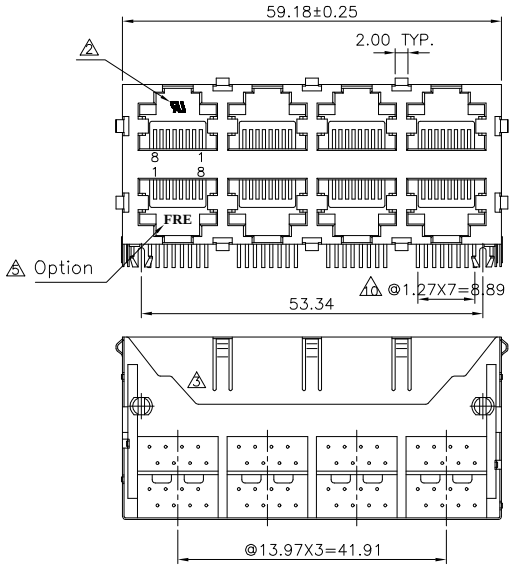
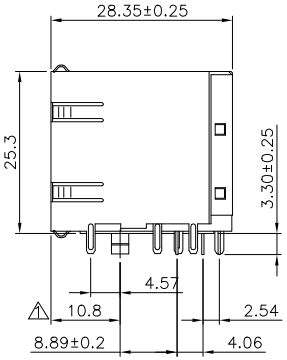
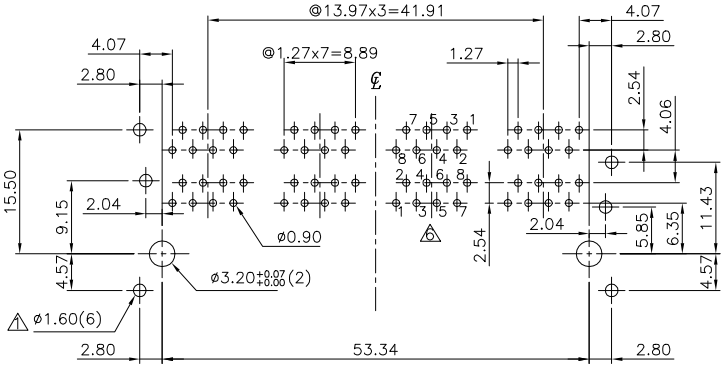
AIRFRD10







PC Board Layout Component Side Shown
PC Board Thickness=1.6mm

NOTES:

ELECTRICAL:
1. VOLTAGE RATING : 125 VAC RMS.
2. CURRENT RATING : 1.5 AMP.
3. CONTACT RESISTANCE : 50 MILLIOHMS MAX.
4. INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 500 VDC.
5. DIELECTRIC STRENGTH : 1000 VAC RMS 60Hz, 1MIN.

MECHANICAL:
1. HOUSING MATERIAL : GLASS FILLED POLYESTER UL94V-0.
2. CONTACT MATERIAL : PHOSPHOR BRONZE ø0.46mm.
3. PLATING : GOLD PLATING OVER NICKEL.
4. OPERATING LIFE : 750 CYCLES MIN.
5. PCB RETENTION PRE-SOLDER : 1 LB MIN.
6. PCB RETENTION POST-SOLDER: 10 LBS MIN.

ENVIRONMENTAL:
1. STORAGE : -40°C TO +85°C.
2. OPERATION: -40°C TO +85°C.

MATES WITH MODULAR PLUG CONFORMING TO
FCC PART 68, SUBPART F.
CUL FILE NO. E163191

PART NUMBER: E590X-XXC1XX

- 2-2C / 4-4C / 6-6C / 8-8C
- Gold Thickness: 1- 3u" 2- 6u" 3-15u" / 4-30u" 5-50u" / F - Gold Flash (SHENZHEN LESS 1u") ⑧
- Logo Option: ⑤ 2- W/ "FRE" Logo / W- W/O "FRE" Logo
- 51- TOP & BOTTOM & SIDE TABS,Tin;PBT+30% G.F.
- 57- TOP & BOTTOM & SIDE TABS,Nickel;PBT+30% G.F.
- ④ 5Q- TOP & BOTTOM & SIDE TABS,Au 1~3U";PBT+30% G.F.
- 58- TOP & BOTTOM & SIDE TABS,Nickel;FR52 ①

⑨ C&D PART NUMBER: E590X-XXCXXXD

- 2-2C / 4-4C / 6-6C / 8-8C
- Gold Thickness: 1- 3u" 2- 6u" 3-15u" / 4-30u" 5-50u" / F - Gold Flash (SHENZHEN LESS 1u") ⑧
- Logo Option: ⑤ 12- FRONT PEG 4.57, W/ "FRE" Logo / 1W-FRONT PEG 4.57, W/O "FRE" Logo
- 51- TOP & BOTTOM & SIDE TABS,Tin;PBT+30% G.F.
- 57- TOP & BOTTOM & SIDE TABS,Nickel;PBT+30% G.F.
- ④ 5Q- TOP & BOTTOM & SIDE TABS,Au 1~3U";PBT+30% G.F.
- 58- TOP & BOTTOM & SIDE TABS,Nickel;FR52 ①

⑩ LEAD FREE PART NUMBER: E590X-5JCXXX-L

- 2-2C / 4-4C / 6-6C / 8-8C
- TOP & BOTTOM & SIDE TABS,Nickel SHIELD WITH TIN PEG
- Gold Thickness: 1- 3u" 2- 6u" 3-15u" / 4-30u" 5-50u" / F - Gold Flash (SHENZHEN LESS 1u")
- 1V-FRONT PEG 4.57,W/O "FRE" LOGO,FR52 BK
- ⑪ 1W-FRONT PEG 4.57,W/O "FRE" LOGO,PBT+30%GF BK

REVISION RECORD

REV	ECO	DESCRIPTION	DRFT	CHKD
①		MODIFY DIM	yuan 6/19/00'	
②		ADD UL LOGO	YUAN 10/20/00'	
③		Modify View	YUAN 3/05/01'	
④		Add part number	YUAN 8/23/01'	
⑤		Add P/N Option	Christ 11/05/03'	
⑥		Modify PCB Layout	Christ 11/28/03'	
⑦		ADD PART NO.	QIANPU 9/9/04'	
⑧		ADD PART NO.	LIUXIN 11/10/04'	
⑨		ADD PART NO.	QIULER 12/27/04'	
⑩		MODIFY DRAWING	QIULER 02/02/05'	
⑪		ADD PART NO	QIULER 03/07/05'	

DETACHED LISTS

MM (INCH)

TOLERANCES EXCEPT AS NOTED

MM	
.0 ±0.2	±
.00 ±0.15	±
.000 ±0.075	±

ANGLES ± 0.5

THIRD ANGLE PROJECTION

DFTO YUAN	DATE 6/19/00	
CHKDQINAPU	DATE2005/3/7	
MFO	DATE	
APPVLUSHENG	DATE2005/3/7	
MATERIAL :		
QT'Y :		
FINISH :		
SCALE : 1.5 : 1		

FULL RISE ELECTRONIC CO., LTD

TITLE RJ45
STACKED GANGED JACK, 2X4

DRAWING NO.	GE593A50	SIZE	REV
/PART NO.	SEE NOTE	A3	11

DO NOT SCALE DRAWING SHEET 1 OF 1