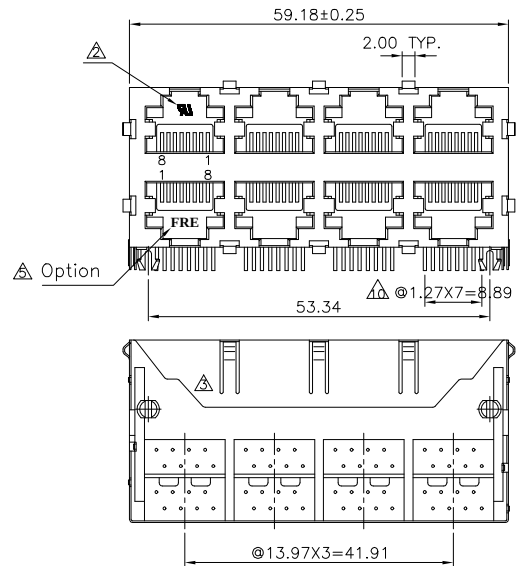




NOTES:

ELECTRICAL:

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

MECHANICAL:

- HOUSING MATERIAL : GLASS FILLED POLYESTER UL94V-0.
- CONTACT MATERIAL : PHOSPHOR BRONZE $\phi 0.46\text{mm}$.
- PLATING : GOLD PLATING OVER NICKEL.
- OPERATING LIFE : 750 CYCLES MIN.
- PCB RETENTION PRE-SOLDER : 1 LB MIN.
- PCB RETENTION POST-SOLDER: 10 LBS MIN.

ENVIRONMENTAL:

- STORAGE : -40°C TO $+85^{\circ}\text{C}$.
- OPERATION: -40°C TO $+85^{\circ}\text{C}$.

MATES WITH MODULAR PLUG CONFORMING TO

FCC PART 68, SUBPART F.

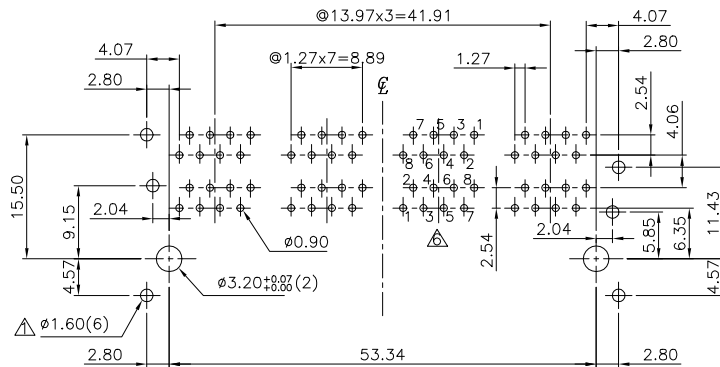
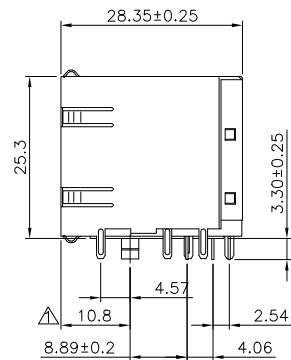
CUL FILE NO. E163191

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")
- Logo Option
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.
50- TOP & BOTTOM & SIDE TABS,Au 1~3u";PBT+30% G.F.
58- TOP & BOTTOM & SIDE TABS,Nickel;FR52

C&D PART NUMBER: E590X-XXCXXD

- 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")
- Logo Option
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.
50- TOP & BOTTOM & SIDE TABS,Au 1~3u";PBT+30% G.F.
58- TOP & BOTTOM & SIDE TABS,Nickel;FR52



PC Board Layout Component Side Shown

PC Board Thickness=1.6mm

LEAD FREE PART NUMBER: E590X-5JCXXX-L

- 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")
- TOP & BOTTOM & SIDE TABS,Nickel SHIELD WITH TIN PEG
- 1V-FRONT PEG 4.57,W/O "FRE" LOGO,FR52 BK
1W-FRONT PEG 4.57,W/O "FRE" LOGO,PBT+30%G F BK

REVISION RECORD

REV	ECO	DESCRIPTION	DRFT	CHKD
1		MODIFY DIM	YUAN 6/19/00'	
2		ADD 91 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'	

MM (INCH)		DFTO YUAN	DATE 6/19/00
TOLERANCES EXCEPT AS NOTED		CHKDQINAPU	DATE2005/3/7
MM		MFO	DATE
.0 ±0.2		APPVILUSHENG	DATE2005/3/7
.00 ±0.15		MATERIAL :	
.000 ±0.075		QT'Y :	
ANGLES ± 0.5		FINISH :	
THIRD ANGLE PROJECTION		SCALE : 1.5 : 1	

FULL RISE ELECTRONIC CO., LTD

TITLE RJ45
STACKED GANGED JACK, 2X4DRAWING NO. GE593A50
/PART NO. SEE NOTE

DO NOT SCALE DRAWING

SHEET 1 OF 1

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