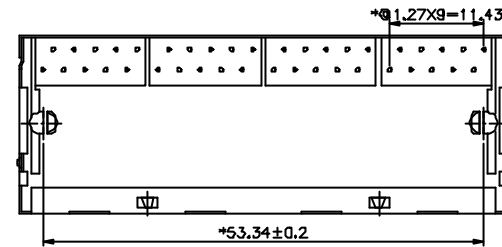
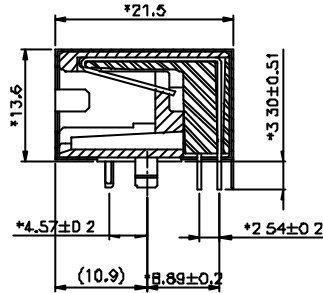
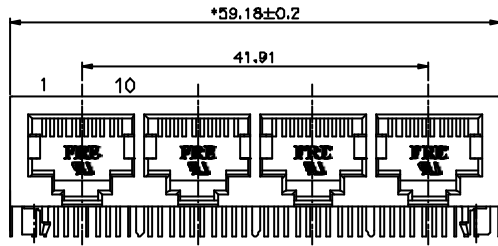


ADD PART NUMBER		YIP	REVISION RECORD		
REV	ECO	DATE	DESCRIPTION	DRFT	CHKD
△		04/18/05	ADD PART NUMBER		
△		08/17/05	ADD PART NUMBER		
△		08/18/05	ADD PART NUMBER		
△		09/07/05	ADD PART NUMBER		



NOTES:

ELECTRICAL:

- VOLTAGE RATING : 125 VAC RMS.
- CURRENT RATING : 1.5 AMP.
- CONTACT RESISTANCE : 40 MILLIOHMS MAX. △
- INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 500 VDC.
- DIELECTRIC STRENGTH : 1000 VAC RMS 60Hz, 1MIN.

MECHANICAL:

- HOUSING MATERIAL : NYLON+30%.G.F UL94V-0.
- INSERT MATERIAL : NYLON+30%.G.F UL94V-0.
- CONTACT MATERIAL : PHOSPHOR BRONZE 0.46mm.
- PLATING : GOLD PLATING OVER NICKEL.
- OPERATING LIFE : 750 CYCLES MIN.
- PCB RETENTION PRE-SOLDER : 10 LBS MIN.
- PCB RETENTION POST-SOLDER: 10 LBS MIN.

ENVIRONMENTAL:

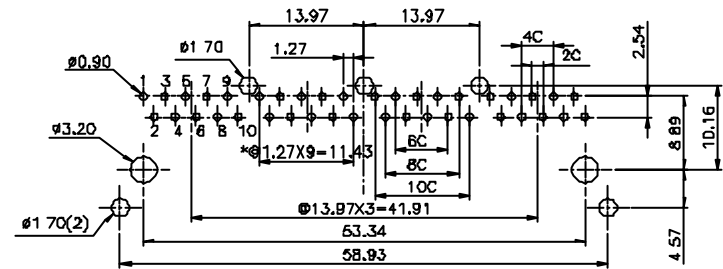
- STORAGE : -40°C TO +85°C.
- OPERATION: -0°C TO +70°C.
- WAVE SOLDERING TEMPERATURE: 255°C ~265°C (5~10 SECONDS).

MATES WITH MODULAR PLUG CONFORMING TO FCC PART 68, SUBPART F.

CUL FILE NO. E163191

△ ROHS PART NUMBER: E590X-1XCXXX-L

NO. OF CONTACT	SHIELD PLATING	DESCRIPTION
1- 3u"		2- 6u"
2- 2 CONTACT		3- 15u"
4- 4 CONTACT		4- 30u"
6- 6 CONTACT	3-TIN	5- 50u"
8- 8 CONTACT	5-NICKEL	6- Pd20u"
1-10 CONTACT		13-FR52 FRONT PEG 4.57, W/ "FRE" LOGO △
		20-FR52 FRONT PEG 4.57 WITH 3 GROUNDING TABS, W/ "FRE" LOGO △
		2V-FR52 FRONT PEG 4.57 WITH 3 GROUNDING TABS, W/O "FRE" LOGO
		W2-PAST FRONT PEG 4.57 WITH 5 GROUNDING TABS, W/ "FRE" LOGO
		33-FR52 FRONT PEG 4.57 WITH 5 GROUNDING TABS, W/ "FRE" LOGO



PC Board Layout Component Side Shown

TOLERANCES EXCEPT AS NOTED MM (INCH) .0 ±0.20 .00 ±0.15 .00 ±0.075 ANGLES ± THIRD ANGLE PROJECTION	DFTD LIXIN DATE 3/15/05 DHND DATE NPO DATE APPVL-03008 DATE 10/24/05	FULL RISE ELECTRONIC CO., LTD		
	TITLE 20.57 PCB JACK 10P		DRAWING NO GE593008-LA /PART NO SEE NOTE	
	MATERIAL . QTY : FINISH SCALE : 2.4:1	SIZE A3 REV 5	DO NOT SCALE DRAWING SHEET OF Y	