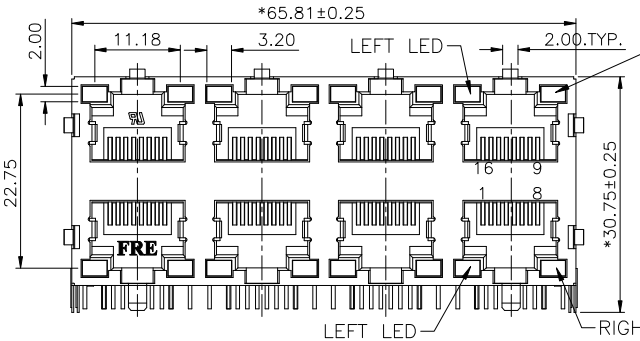
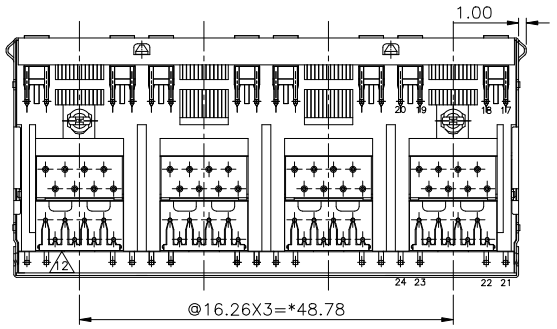
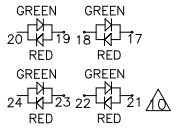
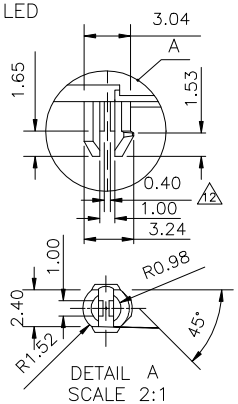
REVISION RECORD				
REV	ECO	DESCRIPTION	DRFT	CHKD
1		DRAWING MODIFY	LUSHENG 11/09/'01	
2		ADD TYPE	LUSHENG 11/28/'01	
3		ADD TYPE	XLF 3/18/02"	
4		ADD TYPE	IRONDR 07/23/'02	
5		DRAWING MODIFY	IRONDR 08/16/'02	
6		ADD TYPE	IRONDR 08/28/'02	
7		ADD TYPE	IRONDR 08/31/'02	
8		DRAWING MODIFY	IRONDR 11/28/'02	
9		ADD TYPE	Jake 08/07/'03	
10		DRAWING MODIFY	Jake 08/23/'03	
11		DRAWING MODIFY	Jake 07/23/'04	
12		DRAWING MODIFY	PETERS 11/26/'04	
13		ADD NEW TYPE	SHJ 02/16/05'	

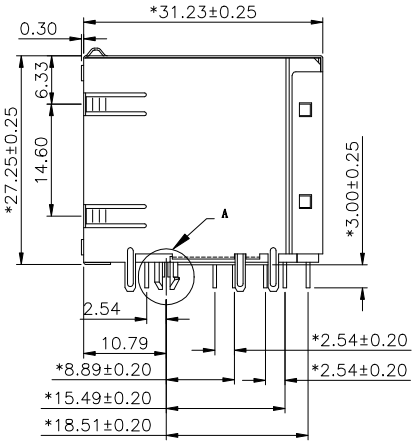


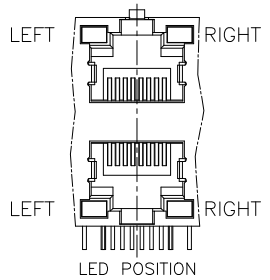




FOR P/N:E5J88-D4CXFX







LED POSITION

NOTES:

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

MECHANICAL:
1. HOUSING MATERIAL : GLASS FILLED POLYESTER OR FR52 UL94V-0.
2. CONTACT MATERIAL : PHOSPHOR BRONZE ø0.46mm.
3. PLATING : 1: CONTACT AREA- SELECTIVE GOLD PLATING.
   2: TAILS- 150u" TIN-LEAD MIN OVER 50u" NICKEL.
   13 OR TIN OVER NICKEL LEAD FREE.
4. OPERATING LIFE : 750 CYCLES MIN.
5. PCB RETENTION PRE-SOLDER : 1 LB MIN.
6. PCB RETENTION POST-SOLDER: 10 LBS MIN.
7. LED COLOR : GREEN

ENVIRONMENTAL:
1. STORAGE : -40°C TO +85°C.
2. OPERATION: 0°C TO 70°C.

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

PART NUMBER: E5J88-X4CXFX

A-LEFT LED:GREEN, RIGHT LED:GREEN
B-LEFT LED:GREEN, RIGHT LED:ORANGE
4 C-LEFT LED:GREEN, RIGHT LED:YELLOW
4 L-LEFT LED:YELLOW, RIGHT LED:GREEN
4 F-LEFT LED:ORANGE, RIGHT LED:GREEN
4 D-LEFT LED:G+R, RIGHT LED:G+R

Gold Thickness:
1- 3u" 2- 6u" 3-15u"
4-30u" 5-50u"

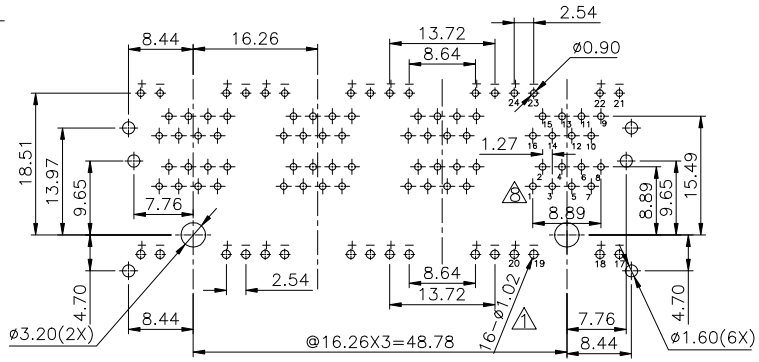
0- W/O "FRE" LOGO 3
2- W/ "FRE" LOGO
J- W/ O LOGO FR52

13 Lead Free P/N: PART NUMBER: E5J88-X4CXFX-L

A-LEFT LED:GREEN, RIGHT LED:GREEN
B-LEFT LED:GREEN, RIGHT LED:ORANGE
4 C-LEFT LED:GREEN, RIGHT LED:YELLOW
4 L-LEFT LED:YELLOW, RIGHT LED:GREEN
4 F-LEFT LED:ORANGE, RIGHT LED:GREEN
4 D-LEFT LED:G+R, RIGHT LED:G+R

Gold Thickness:
1- 3u" 2- 6u" 3-15u"
4-30u" 5-50u"

0- W/O "FRE" LOGO
2- W/ "FRE" LOGO
J- W/ O LOGO FR52



PC Board Layout
Component Side Shown

DETACHED LISTS	MM (INCH)	DFTO LUSHENG	DATE 05/22/'01
	TOLERANCES EXCEPT AS NOTED	CHKD JAKE	DATE2005/2/21
	MM .0 ±0.20 ± .00 ±0.15 ± .000 ±0.075 ±	MFO	DATE
		APPV LLUSHENG	DATE2005/2/22
	ANGLES ±	MATERIAL :	
	THIRD ANGLE PROJECTION	QT'Y :	
		FINISH :	
		SCALE : 5:3	

FULL RISE ELECTRONIC CO., LTD

TITLE RJ45(LED)
STACKED GANGED JACK, 2X4

DRAWING NO. GE5J3001 /PART NO. SEE NOTE | SIZE A3 | REV 13 02/16/05'

DO NOT SCALE DRAWING | SHEET 1 OF 1

H G F E D C B A

8 7 6 5 4 3 2 1