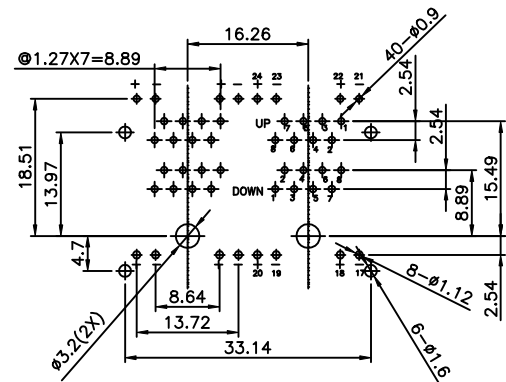
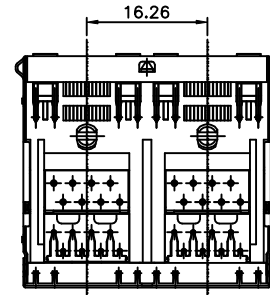
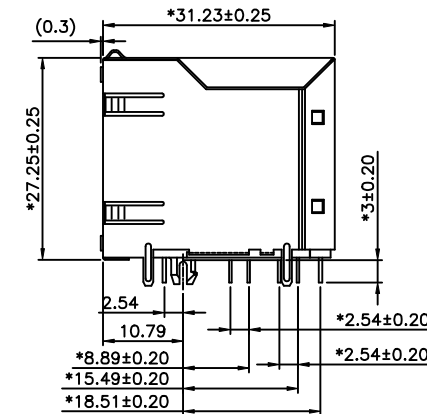
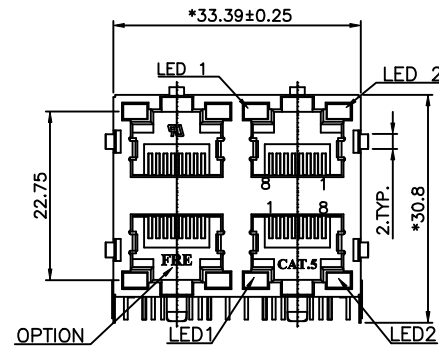


REVISION RECORD				
REV	ECO	DESCRIPTION	DRFT	CHKD



PC Board Layout
Component Side Shown

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.
- CATEGORY 5 CHARACTERISTIC:

Frequency	Near-End Cross Talk dB, MIN.	Return Loss dB, MIN.	Attenuation dB, MAX.
1.0 MHZ	65	23	0.1
4.0 MHZ	65	23	0.1
8.0 MHZ	62	23	0.1
10.0 MHZ	60	23	0.1
16.0 MHZ	56	23	0.2
20.0 MHZ	54	23	0.2
25.0 MHZ	52	14	0.2
31.25 MHZ	50	14	0.2
62.5 MHZ	44	14	0.3
100.0 MHZ	40	14	0.4

MECHANICAL:

- HOUSING MATERIAL : PBT+30% BK UL94V-0.
- CONTACT MATERIAL : PHOSPHOR BRONZE t=0.35mm C5210EH.
- PLATING : CONTACT GOLD PLATING OVER NICKEL.
- OPERATING LIFE : 750 CYCLES MIN.
- PCB RETENTION PRE-SOLDER : 1 LB MIN.
- PCB RETENTION POST-SOLDER: 10 LBS MIN.
- LED COLOR : OPTION.

ENVIRONMENTAL:

- STORAGE : -40°C TO +85°C.
- OPERATION: 0°C TO +70°C.
- WAVE SOLDERING TEMPERATURE: 230~250°C(5~10 SECONDS)

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

UL & CUL FILE NO. E163191 "UL" & "CAT.5"NO OPTION
RoHS PART NUMBER: E6588-XANXAX-L

- A- W/ FRE LOGO
- G- W/ O FRE LOGO
- Gold Thickness:
1- 3u" 2- 6u" 3-15u" 4-30u" 5-50u"
- Q- LEFT:GREEN, RIGHT:GREEN (UP & DOWN)
- R- LEFT:GREEN, RIGHT:ORANGE (UP & DOWN)
- S- LEFT:GREEN, RIGHT:YELLOW (UP & DOWN)
- L- LEFT:G+Y, RIGHT:G+Y (UP & DOWN)

← MM (INCH) →		DFTO Yican	DATE 12/19/05'
TOLERANCES EXCEPT AS NOTED		CHKD mm	DATE mm/yy/mm
		MFO	DATE
		APPLV. mm	DATE mm/yy/mm
		MATERIAL :	
		QT'Y :	
		FINISH :	
		SCALE : 5:3	
THIRD ANGLE PROJECTION		DO NOT SCALE DRAWING	

FULL RISE ELECTRONIC CO., LTD			
TITLE 2*2 CAT5 LED JACK			
DRAWING NO. GE653022-LC		SIZE A3	REV 0
/PART NO. SEE NOTE		SHEET 1 OF 1	