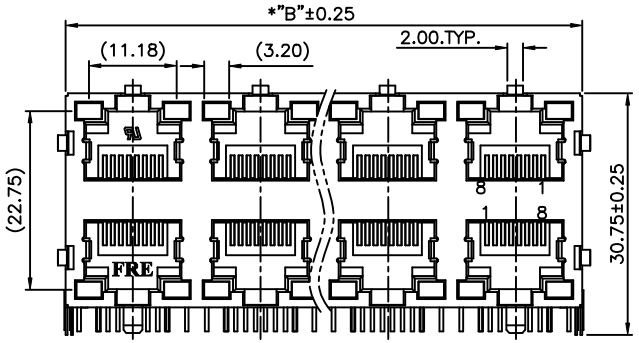
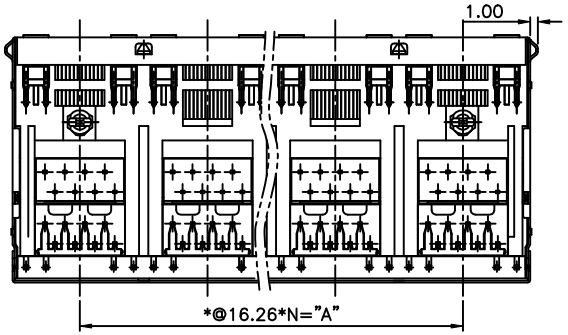
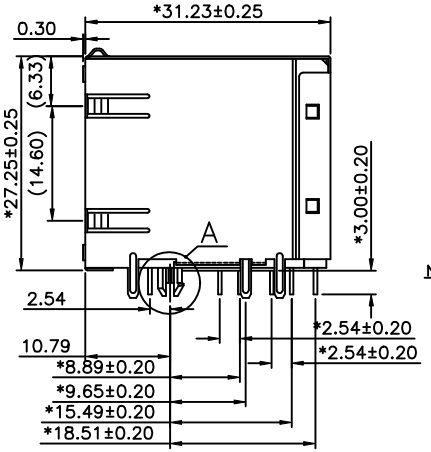
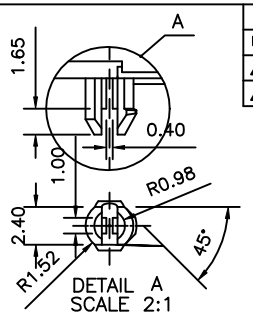
D1RFRD006









REVISION RECORD				
REV	ECO	DESCRIPTION	DRFT	CHKD
1		ADD TYPE	Jake 08/13/05	
2		ADD TYPE	Ashellye 03/27/06	

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.

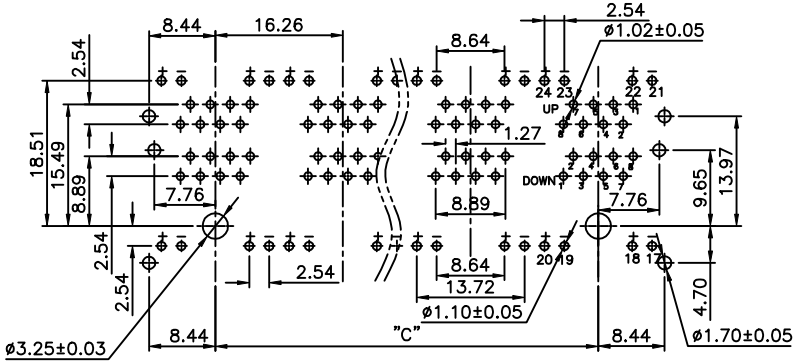
MECHANICAL:
1. HOUSING MATERIAL : GLASS FILLED POLYESTER UL94V-0.
2. CONTACT MATERIAL : PHOSPHOR BRONZE
3. PLATING : 1: CONTACT AREA- SELECTIVE GOLD PLATING.
2: TAILS- 150u" TIN-LEAD MIN OVER 50u" NICKEL.
GOLD PLATING OVER NICKEL.
4. OPERATING LIFE : 750 CYCLES MIN.
5. PCB RETENTION PRE-SOLDER : 1 LB MIN.
6. PCB RETENTION POST-SOLDER: 10 LBS MIN.
7. LED SIZE : 3.2*2.0*4.0*P=2.29mm

ENVIRONMENTAL:
1. STORAGE : -40°C TO +85°C.
2. OPERATION: 0°C TO 70°C.
3. WAVE SOLDERING TEMPERRATURE:230~250°C(3~5 SECONS)

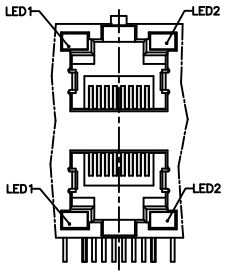
MATES WITH MODULAR PLUG CONFORMING TO
FCC PART 68, SUBPART F.
CUL FILE No:E163191

RoHs PART NUMBER: E5J88-X4XXXX-L
A-LED1:GREEN, LED2:GREEN
B-LED1:GREEN, LED2:ORANGE
C-LED1:GREEN, LED2:YELLOW
⚠ N-LED1:GREEN, LED2:Y+G
A-2 PORTS
B-3 PORTS C-4 PORTS
E-6 PORTS G-8 PORTS
Gold Thickness:
1- 3u" 2- 6u" 3-15u"
4-30u" 5-50u"
A-Plate Tin shield stamp pin
B-Plate Ni shield stamp pin
F-W/O TINNED GROUNDING TAB
0- W/O "FRE" LOGO
2- W/ "FRE"&"UL" LOGO

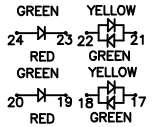
⚠ RoHS PART NUMBER: E5J88-LDXXXX-L
LD-LED1:GREEN, LED2:RED
TOP TABS & SIDE TABS
A-2 PORTS
B-3 PORTS C-4 PORTS
E-6 PORTS G-8 PORTS
Gold Thickness:
1- 3u" 2- 6u" 3-15u"
4-30u" 5-50u"
A-Plate Tin shield stamp pin
B-Plate Ni shield stamp pin
F-W/O TINNED GROUNDING TAB
0- W/O "FRE" LOGO
2- W/ "FRE"&"UL" LOGO



PC Board Layout example
Component Side Shown



LED LAYOUT



⚠ FOR P/N:E5J88-N4BXXX

PORTS	N	A±0.25	B±0.25	C±0.05
8	7	113.82	130.95	113.82
6	5	81.30	98.43	81.30
4	3	48.78	65.91	48.78
3	2	32.52	49.45	32.52
2	1	16.26	33.39	16.26

DETACHED LISTS
MM (INCH)
TOLERANCES EXCEPT AS NOTED
MM
.0 ±0.20 ±
.00 ±0.15 ±
.000 ±0.075 ±
ANGLES ±
THIRD ANGLE PROJECTION

DFTO PETERS	DATE 04/09/05	
CHKD ANKUE	DATE 2006/3/27	
MFO	DATE	
APPVL LUSHENG	DATE 2006/3/27	
MATERIAL :		
QT'Y :		
FINISH :		
SCALE : 3:2		

FULL RISE ELECTRONIC CO., LTD

TITLE RJ45 2*N LED JACK (STAMPED PIN)

DRAWING NO. GE5J3032-LC
/PART NO. SEE NOTE
SIZE A3
REV 2 03/27/06'
DO NOT SCALE DRAWING
SHEET 1 OF 1

8 7 6 5 4 3 2 1
H G F E D C B A