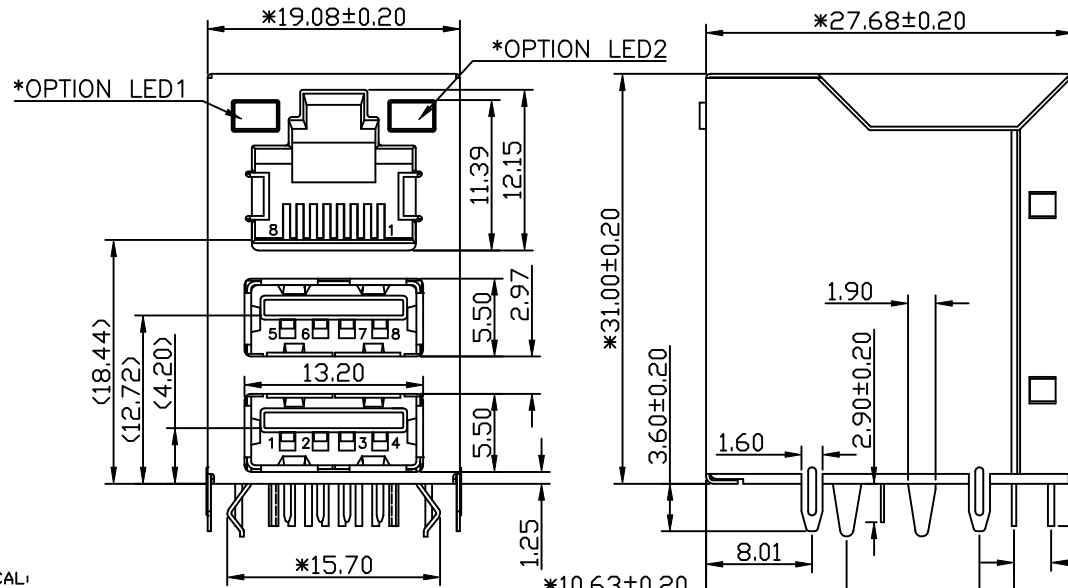




MECHANICAL:

- SHIELD MATERIAL : CARTRIDGE $t=0.25\text{mm}$.
10u"-20u" THICK NICKEL OVER 10U"-20U" MIN.
THICK NICKEL.
Tinned grounding tab, $H=2.00\text{mm}$ (Min), $W=2.10\text{mm}$ (Max).
- HOUSING MATERIAL: FR52 UL94V-0;
- INSERT MATERIAL: FR52 UL94V-0;
- CONTACT MATERIAL: PHOSPHORUS BRONZE $t=0.35\text{mm}$. (C5210EH)
- PLATING : 1. MATING AREA- 3u" MIN. GOLD OVER 30-80u" BRIGHT NICKEL.
2. SOLDER AREA- 75-300u" TIN OVER NICKEL.
3. LED PINS AREA- 75-300u" TIND OVER NICKEL.

RJ45 SPECIFICATIONS:

- ELECTRICAL CHARACTERISTICS:
 - CURRENT RATING: 1.5 AMPERES MAXIMUM.
 - VOLTAGE RATING: 125VAC MAXIMUM.
 - INSULATION RESISTANCE: 1000 MEGAOHMS MINIMUM @ 500VDC.
 - DIELECTRIC STEENGTH: 1000VAC RMS 60Hz, 1MIN.
 - LED'S CHARACTERISTICS:
 - 1-5-1. POWER DISSIPATION: 80MW MAX.
 - 1-5-2. FORWARD CURRENT: 30MA MAX.
 - 1-5-3. FORWARD VOLTAGE: 2.2 VOLTS TYPICAL.
 - 1-5-4. REVERSE VOLTAGE: 5.0VOLTS MAX.
 - 1-5-5. PEAR EMISSION WAVELENGTH: GREEN LED 568nm TYPICAL.
YELLOW LED 589 nm TYPICAL.

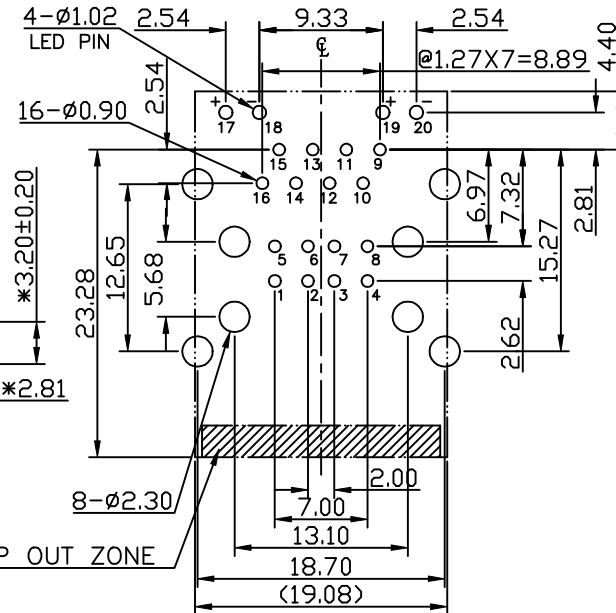
2. MECHANICAL CHARACTERISTICS:

- MATING/UNMATING FORCE: 5 LBS MAXIMUM.
- DURABILITY (MATING/UNMATING CYCLES): 1000 CYCLES.
- OPERATING TEMPERATURE: -40°C TO +85°C.
STORAGE TEMPERATURE: -40°C TO +85°C.
- CONTACT PRESSURE: 100 GRAMS MIN.
- CONNECTOR TO PCB INSERTION FORCE < 8LBS.
- PLUG TO JACK RETENTION: 30LBS MIN.

PART NUMBER: E828B-22D1XX-L

1-W/O LOGO Gold Thickness:
 L-LED1 YELLOW; LED2 GREEN 1- 3u" 2- 6u" 3- 15u"
 M-LED1 GREEN; LED2 YELLOW 4- 30u" 5- 50u"

TRACE KEEP OUT ZONE

PC Board Layout
Component Side View

USB SPECIFICATIONS:

- ELECTRICAL CHARACTERISTICS:
 - CONTACT CURRENT RATING: 1 AMPERS.
 - CONTACT RESISTANCE : 30 mOHMS MAX.
 - DIELECTRIC WITHSTANDING VOLTAGE: 750 VAC RMS 60HZ, 1 MIM.
 - INSULATION RESISTANCE: 1000 MOHMS MIN @500 VDC.
- MECHANICAL CHARACTERISTICS:
 - CONTACT MATING FORCE: 34.3N(3.5kg) MAX.
 - CONNECTOR UNMATING FORCE : 9.8N(1.0kg) MIN.
 - DURABILITY: 1500 CYCLES.
 - OPERATING TEMPERATURE: -40°C TO +85°C.

MM (INCH)		DFTD YAGNLAN	DATE 09/20/05'
TOLERANCES EXCEPT AS NOTED		CHKD JAKE	DATE 2005/09/22
MM		MFD	DATE
.0 ± 0.20	±	APPV LUSHENG	DATE 2005/09/22
.00 ± 0.15	±	MATERIAL :	
.000 ± 0.075	±	QT'Y :	
ANGLES ±		FINISH:	
THIRD ANGLE PROJECTION		SCALE : 20:1	

FULL RISE ELECTRONIC CO., LTD

TITLE
THREE IN ONE FOR 8PIN(STAMPED
PIN)(W/O PCB)

DRAWING NO. GE823018-LB

/PART NO. SEE NOTE

SIZE
A3REV
0

DO NOT SCALE DRAWING

SHEET X OF Y