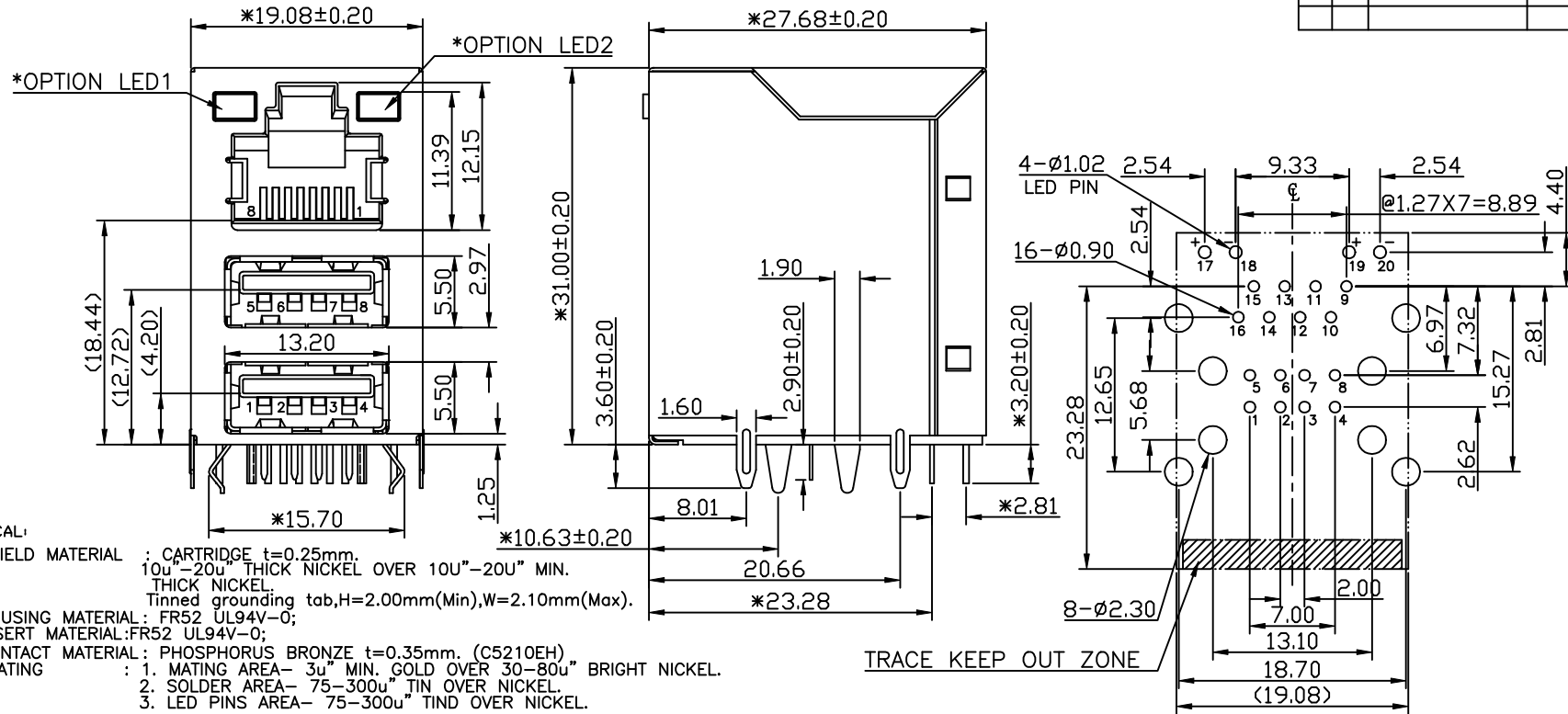


REVISION RECORD				
REV	ECD	DESCRIPTION	DRFT	CHKD



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 STRENGTH: 1000VAC RMS 60Hz, 1MIN.
 - LED'S CHARACTERISTICS:
 - POWER DISSIPATION: 80MW MAX.
 - FORWARD CURRENT: 30MA MAX.
 - FORWARD VOLTAGE: 2.2 VOLTS TYPICAL.
 - REVERSE VOLTAGE: 5.0VOLTS MAX.
 - PEAR EMISSION WAVELENGTH: GREEN LED 568nm TYPICAL.
YELLOW LED 589 nm TYPICAL.
 - ANODE $\rightarrow$ CATHODE
- 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 Shown

USB SPECIFICATIONS:

- ELECTRICAL CHARACTERISTICS:
 - CONTACT CURRENT RATING: 1 AMPERS.
 - CONTACT RESISTANCE : 30 mOHMS MAX.
 - DIELECTRIC WITHSTANDING VOLTAGE: 750 VAC RMS 60HZ, 1 MIN.
 - 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.

DETACHED LISTS	MM (INCH)		DFTD YAGNLAN	DATE 09/20/05'	FULL RISE ELECTRONIC CO., LTD		
	TOLERANCES EXCEPT AS NOTED		CHKD JAKE	DATE 2005/09/22			
			MFD	DATE			
	MM		APPROV LUSHENG	DATE 2005/09/22	TITLE THREE IN ONE FOR 8PIN(STAMPED PIN)(W/O PCB)		
	.0 ± 0.20	±	MATERIAL :				
	.00 ± 0.15	±	QT'Y :		DRAWING NO. GE823018-LB /PART NO. SEE NOTE		
	.000 ± 0.075	±	FINISH:				
	ANGLES ±		SCALE : 20:1		DO NOT SCALE DRAWING		
							
	THIRD ANGLE PROJECTION				SHEET X OF Y		