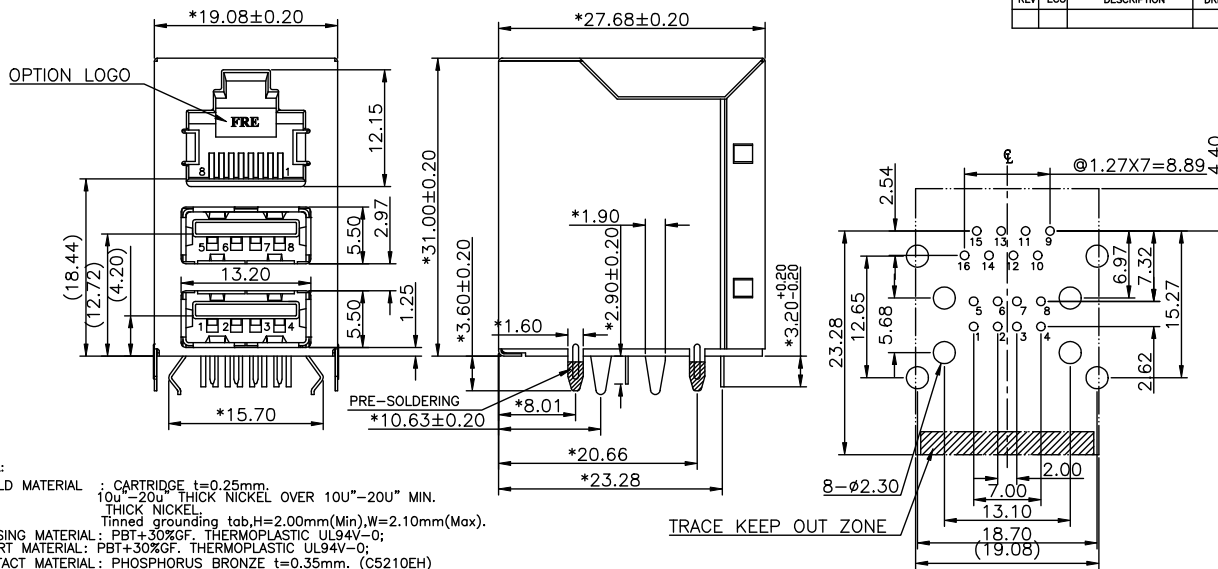


D1RFRD006

REVISION RECORD				
REV	ECO	DESCRIPTION	DRFT	CHKD



MECHANICAL:

- SHIELD MATERIAL : CARTRIDGE t=0.25mm.
10u"-20u" THICK NICKEL OVER 10U"-20U" MIN.
THICK NICKEL.
Tinned grounding tab, H=2.00mm(Min), W=2.10mm(Max).
- HOUSING MATERIAL : PBT+30%GF. THERMOPLASTIC UL94V-0;
- INSERT MATERIAL : PBT+30%GF. THERMOPLASTIC UL94V-0;
- CONTACT MATERIAL : PHOSPHORUS BRONZE t=0.35mm. (C5210EH)
- PLATING : 1. MATING AREA- 30u" MIN. GOLD OVER 30-80u" BRIGHT NICKEL.
2. SOLDER AREA- 75-300u" TIN-LEAD OVER 30-80u" NICKEL.
3. LED PINS AREA- 75-300u" TIN-LEAD OVER 30-80u" 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.
- MECHANICAL CHARACTERISTICS:
 - MATING/UNMATING FORCE: 5 LBS MAXIMUM.
 - DURABILITY (MATING/UNMATING CYCLES): 1000 CYCLES.
 - OPERATING TEMPERATURE: 0°C TO +70°C.
STORAGE TEMPERATURE: -40°C TO +85°C.
WAVE SOLDERING TEMPERATURE: 230~250°C(3~5 SECONDS)
 - CONTACT PRESSURE: 100 GRAMS MIN.
 - CONNECTOR TO PCB INSERTION FORCE < 8LBS.
 - PLUG TO JACK RETENTION: 30LBS MIN.

USB SPECIFICATIONS:

- ELECTRICAL CHARACTERISTICS:
 - CONTACT CURRENT RATING: 1 AMPERES.
 - 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: 0°C TO +70°C.
 - WAVE SOLDERING TEMPERATURE: 230~250°C(3~5 SECONDS)

RoHS PART NUMBER: E828B-220XPX-L

- 1-W/O LOGO Gold Thickness: 1-3u" 2-6u" 3-15u"
2-FRE LOGO 4-30u" 5-50u"

MM (INCH)		DFTO Ashely	DATE 05/05/06	FULL RISE ELECTRONIC CO., LTD	
TOLERANCES EXCEPT AS NOTED		CHKD/ISSUE	DATE 05/05/06		
		MFO	DATE	TITLE TWO IN ONE FOR 8PIN(STAMPED PIN)(W/O PCB)	
		APPV/LUR/ISSUE	DATE 05/05/06		
ANGLES ±		MATERIAL :		DRAWING NO. GE823021-LC	
THIRD ANGLE PROJECTION		FINISH :		/PART NO. SEE NOTE	
		SCALE : 20:7		DO NOT SCALE DRAWING	
				SHEET X OF Y	

8 | 7 | 6 | 5 | 4 | 3 | 2 | 1

H
G
F
E
D
C
B
A