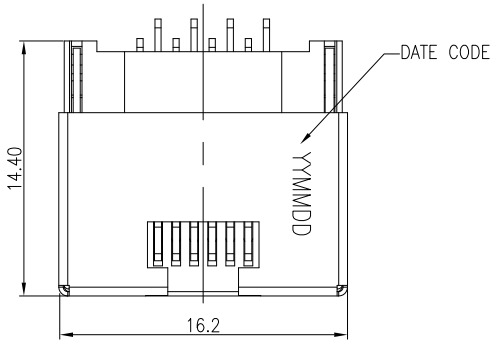
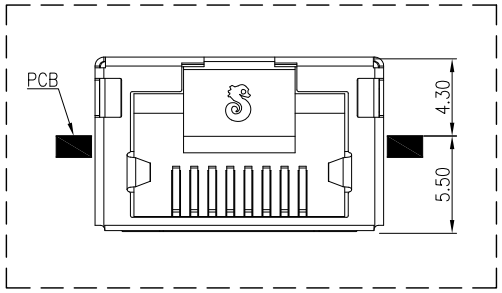
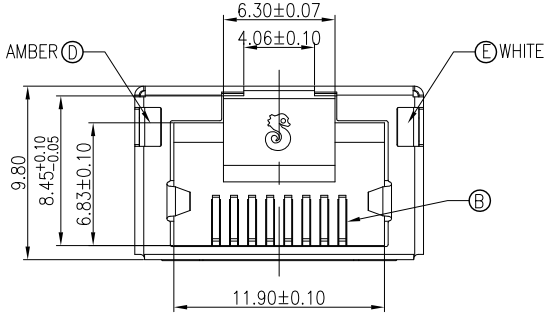
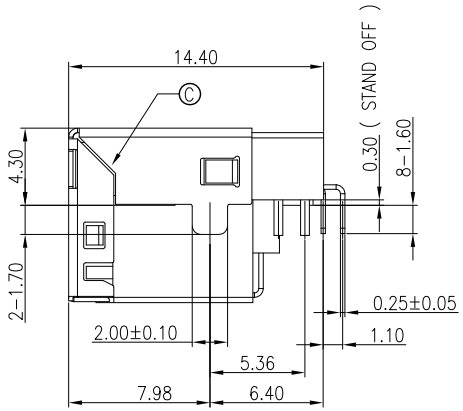
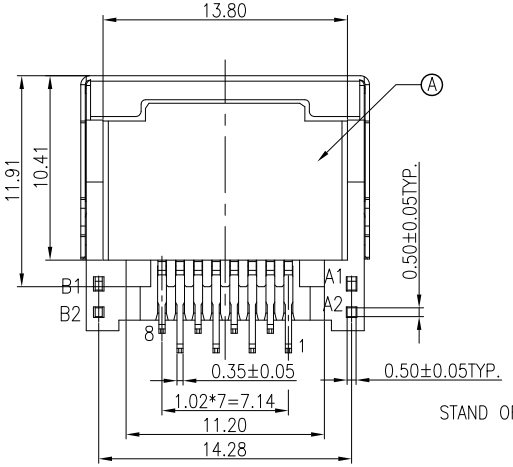
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO.T120322-2A	James	2012.04.16

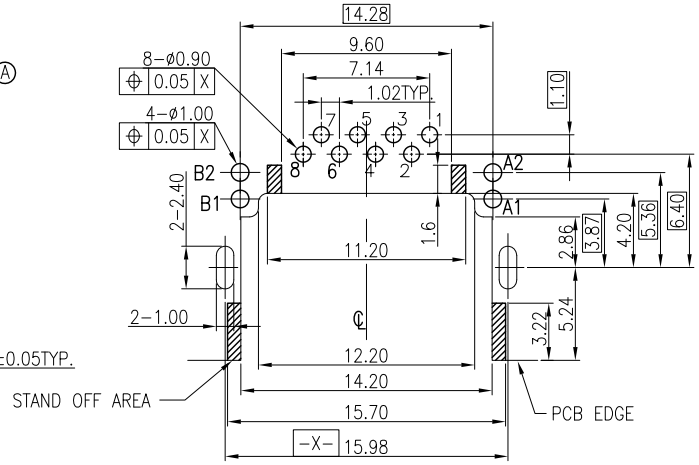












RECOMMENDED PCB LAYOUT
TOP VIEW ; TOL.±0.05
(PCB THICKNESS=1.20mm)

SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:
   - 1-1. CURRENT RATING: 500mA MAX.
   - 1-2. VOLTAGE RATING: 150VAC MAX.
   - 1-3. CONTACT RESISTANCE : 50mΩ MAX.(INITIAL).
     100mΩ MAX.(AFTER LIFE TEST).
   - 1-4. INSULATION RESISTANCE : 100MΩ MIN.
2. MECHANICAL CHARACTERISTICS:
   - 2-1. DURABILITY: 5000 CYCLES.
   - 2-2. INSERTION FORCE: 2.25Kg MAX. WITH LATCH DEPRESSED.
   - 2-3. WITHDRAWAL FORCE: 4.5Kg MAX. WITH LATCH DEPRESSED.
   - 2-4. OPERATING TEMPERATURE: −30℃ ~ +70℃.
3. MARKING: MARK" " INSIDE OF THE CONNECTOR.
4. PACKAGING : TAPE & REEL.
5. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
6. HALOGEN FREE PRODUCT IDENTIFICATION
   MARK ON PRODUCT: O
7. HALOGEN FREE PRODUCT IDENTIFICATION LOGO
   ON THE PACKAGING:
8. FOR REFLOW SOLDERING LEAD-FREE PROCESS.
9. PRINTED DATE CODE" YY MM DD " ON TOP OF THE CONNECTOR.
   - DD: DAY
   - MM: MONTH
   - YY: YEAR

NODE	COLOR	
A1(−) A2(+)	WHITE	A1→← A2
B1(−) B2(+)	AMBER	B1→← B2

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
E	LED	1		WHITE LIGHT
D	LED	1		AMBER LIGHT
C	SHIELDING	1	METAL T 0.25mm	Ni 50u"MIN.
B	8P8C CONTACT	8	PHOSPHOR BRONZE 0.25t	10u"GOLD ON CONTACT AREA Matt Sn 120u" ON SOLDER TAIL ALL OVER Ni 50u"MIN.
A	BODY	1	HIGH TEMP.THERMOPLASTIC	BLACK

UNLESS OTHERWISE SPECIFED TOLERANCES

DECIMALS: ANGLES:
X :±0.5 X :±2°
X.X :±0.3 X.X :±1°
X.XX :±0.2

Singatron Enterprise Co., Ltd.
信音企業股份有限公司

TITLE	RJ45 JACK			
DWN	James	PART NO. 2RJ3003-038111F		
CHKD		SCALE 4:1	UNIT: mm	
APVD	TONY	SIZE: A3	SHEET:1 / 1	REV: A

CUSTOMER COPY

文件編號 RD-06-043-A