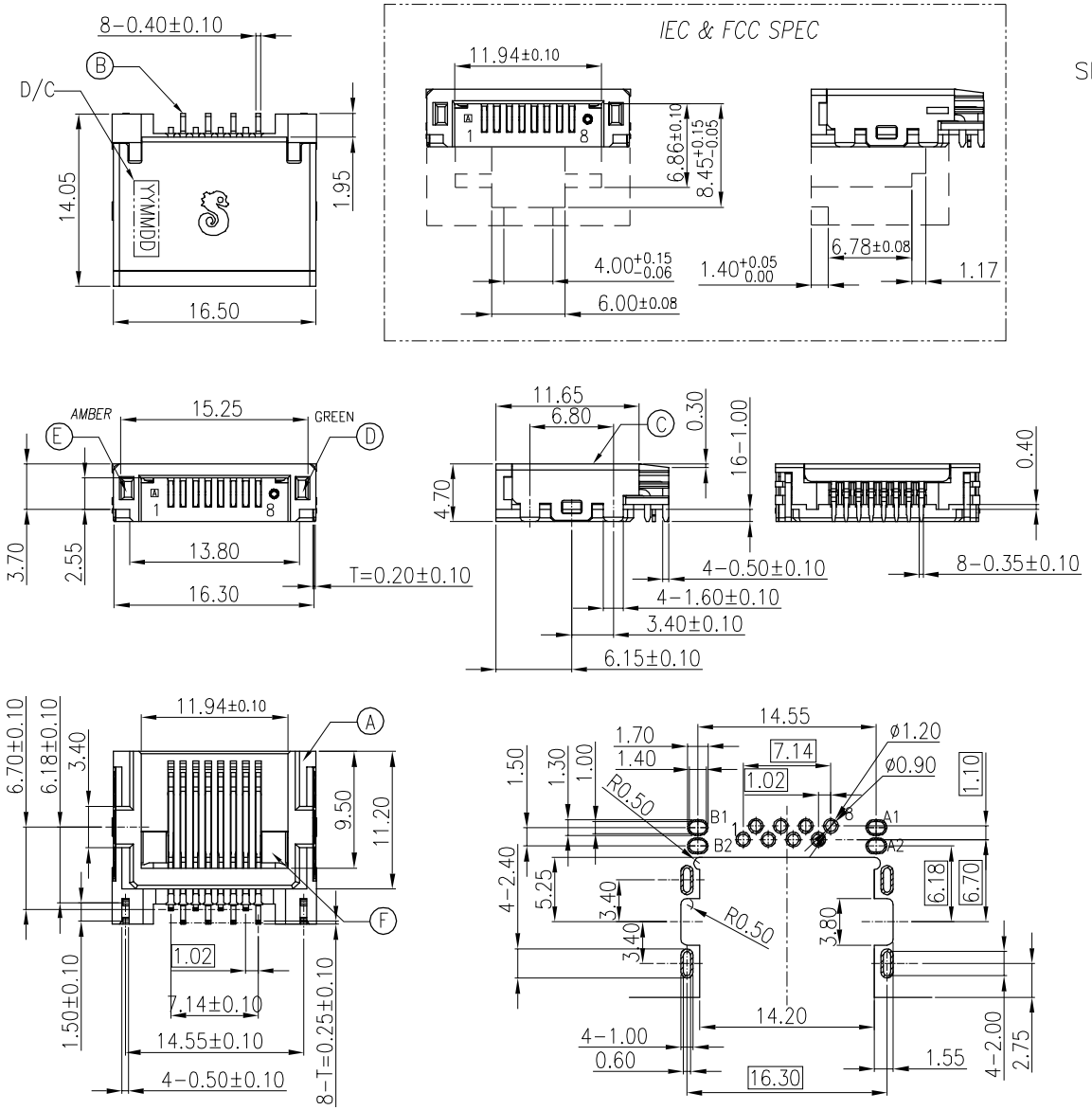
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO: T190827-2A	ALLEN	2019.12.25



RECOMMENDED PCB LAYOUT
TOP VIEW ; TOL.±0.05
(PCB THICKNESS=1.00mm)

SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:
   1-1. CURRENT RATING: 1.5A MAX.
   1-2. VOLTAGE RATING: 150V MAX.
   1-3. CONTACT RESISTANCE: 50mΩ MAX.(INITIAL).
   100mΩ MAX.(AFTER LIFE TEST).
   1-4. INSULATION RESISTANCE: 100MΩ MIN.
   1-5. Dielectric Withstanding Voltage : 500 V AC
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:
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(-)	GREEN	A1→A2
B1(+) B2(-)	AMBER	B1→B2

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
F	STOP	2	HIGH TEMP.THERMOPLASTIC	UL 94V-0 & Yellow
E	LED 2	1	AMBER	Matte Sn 80u" ON SOLDER TAIL;
D	LED 1	1	GREEN	Matte Sn 80u" ON SOLDER TAIL;
C	SHELL	1	STAINLESS STEEL	NI PLATING ALL OVER
B	TERMINAL	8	PHOSPHOR BRONZE	Au:30u" ON CONTACT AREA; Matte Sn 80u" ON SOLDER TAIL; ALL OVER Ni 50u"MIN.
A	HOUSING	1	HIGH TEMP.THERMOPLASTIC	UL 94V-0 & BLACK

UNLESS OTHERWISE SPECIFED TOLERANCES

DECIMALS: X :±0.5, X.X :±0.3, X.XX :±0.2

ANGLES: X :±2°, X.X :±1°

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

TITLE	RJ45 JACK			
DWN	PAN	PART NO. 2RJ3081-1A8111F		
CHKD	JAMES	SCALE 4:1	UNIT: mm	
APVD	BOYE	SIZE: A3	SHEET:1 OF 1	REV: 1

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文件編號:RD-06-043-A